



Setscrew Ball Bearings

Features/Benefits	B3-2
How To Order / Nomenclature	B3-4
Selection	B3-6
Selection/dimensions	
Pillow Block	
SC-Normal Duty	B3-10
SCAH Air Handling Normal Duty	B3-14
SCB Normal Duty	B3-18
SCHB Air Handling Normal Duty	B3-22
SCH Expansion and Non-Expansion	B3-26
SCMAH Air Handling Medium Duty	B3-30
VSC Intermediate Duty	B3-32
VSCB Intermediate Duty Pillow Blocks	B3-36
CC Ball Bearing Fan and Blower Pillow Blocks	B3-38
SL Light Duty	B3-40
SC Normal Duty Tapped	B3-42
Flanges	
2-Bolt Flange	B3-44
3-Bolt Flange	B3-64
4-Bolt Flange	B3-70
Piloted Flange	B3-86
Take-Ups	
SC-Normal Duty Narrow Slot	B3-90
SCM - Medium Duty Narrow Slot	B3-94
VSC - Intermediate Duty Narrow Slot	B3-96
SC-Normal Duty Wide Slot	B3-98
SCM-Normal Duty wide Slot	B3-102
VSC - Intermediate Duty wide Slot	B3-106
Type G Normal Duty Top Angle	B3-110
Hanger Bearings	
SC Normal Duty	B3-114
SC Normal Duty Screw Conveyor	B3-116
SC Normal Duty Cylindrical Units	
Inserts	
SC - Normal Duty Inserts	B3-120
SCH Expansion and Non-Expansion	B3-124
SCM Medium Duty	B3-126
VSC - intermediate Duty	B3-128
CC Ball Bearing Fan and Blower	B3-130
Modification/Accessories	B3-132
Related Products	
High Temperature Ball Bearings	B3-133
End Closures	B3-136
Part Number Index	INDEX-1
Keyword Index	INDEX-34

FEATURES/BENEFITS

DODGE®


Setscrew Ball Bearings

For over 70 years, DODGE has been talking to mounted bearing users and listening to their needs. This experience lead to the design of the optimum mounted ball bearing. A state-of-the-art facility was built in Rogersville, Tennessee, to manufacture the new DODGE design.

The result is the DODGE SC/SCM VSC/SL line. it is the most current design setscrew mounted ball bearing on the market and provides the user unmatched quality and true total value.

- Light Duty Narrow Inner Ring (SL)
- Intermediate Duty Narrow Inner Ring (VSC)
- Normal Duty Wide Inner Ring (SC)
- Medium Duty Wide Inner Ring (SCM)
- Wide Variety of Housing Configurations
- Available in 1/2 to 3-1/2 (17 to 90mm) Bore Sizes
- Seal Options:
 - Flingers on SC/SCM (flingers are standard on E-Z KLEEN® nickel plated and Screw Conveyor Hanger Bearings)
 - Low friction labyrinth on SC/SCM
- Other Options:
 - Corrosion resistant inserts for SC/SCM, E-Z KLEEN and nickel plate
 - FDA/USDA lubricant and other special lubricants
 - High temperature SC/SCM designed for temperatures from 225°F to 400°F. Factory assembled to order.

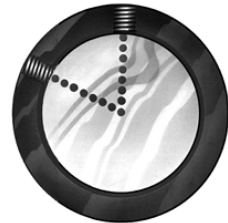
For application assistance, contact
DODGE Engineering
Phone 864-281-2195
Fax 864-281-2317

DODGE End Covers

Available from stock to fit SC, SCM and VSC mounted units, these end covers are designed for added protection from contaminants as well as for OSHA requirements. Covers are OSHA yellow.



Superior Locking Forces



The DODGE SC/SCM/VSC/SL line uses 65° design which offers an optimum balance between locking force and inner ring stress.

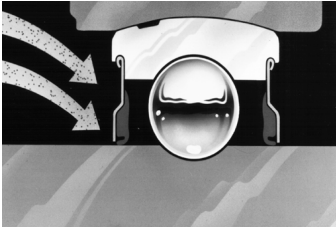


FEATURES/BENEFITS



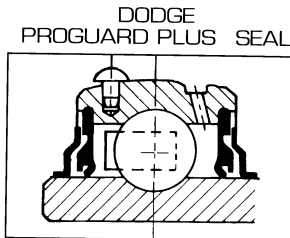
Setscrew Ball Bearings

The DODGE PROGUARD™ Seal



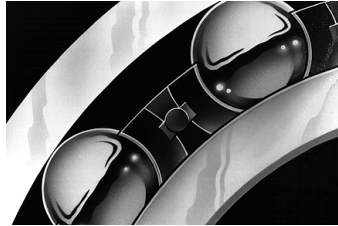
PROGUARD positive contact, low drag rubber seal

DODGE SC/SCM/SSC/SL mounted ball bearings use the field proven PROGUARD land-riding contact seal with steel shield protection. This highly effective positive seal design assures uniform lip contact with the inner ring to seal out contaminants and seal in lubricants.



On SC/SCM optional flingers can be added to form a tight labyrinth with the PROGUARD seal and provide additional seal protection against contaminants and trash.

Stronger, More Flexible Cage



Reinforced, stabilized nylon cage

The ball cage is made of heat stabilized nylon with 33% fill short fiberglass reinforcement for added strength. The nylon material provides a natural lubricity for longer life. Fiberglass reinforcement allows higher operating temperatures than plain nylon, yet is more resistant to fatigue than metallic cages. Short fiberglass allows greater flexibility than steel or normal fiberglass, especially under misalignment. That means longer life in mounted bearings where some degree of misalignment is unavoidably encountered.

Anti-Rotation Pin (SC/SCM)

An anti-rotation pin prevents rotation of the outer race within the housing. Simple and effective, it makes system inserts easier to replace. There is no need to remove and replace grease fittings, location pins or other devices.



Simplified Anti-rotation device

DODGE E-Z KLEEN Ball Bearings

Available with Polymer and stainless steel housing, with corrosion resistant bearing inserts. These features make the SC ball bearing uniquely suited for the food, chemical and processing industries.



HOW TO ORDER/ NOMENCLATURE



Setscrew Ball Bearings

HOW TO ORDER

There are two ways to specify DODGE Bearings. Most of the product offering have part numbers with listings shown throughout this catalog. Use of part numbers ensures accurate ordering processing.

When part numbers are not shown, the product may be specified by description or part name. This method is used when ordering units that include modifications or options. To order by description, use the nomenclature key shown below and add any special instructions to the end of the description for options not covered by the nomenclature.

NOMENCLATURE

P2B	-	SC	-	104S	-	NL	
							Modification or Feature
							CR = Corrosion Resistant Insert
							E = Expansion
							FF = ProGard Plus seals (with Flingers)
							HT = High Temperature option (400° F maximum)
							LL = Low torque labyrinth seal
							MOD = Modified
							NL = No Lube (sealed for life)
							RL = Relube (used with SL flanges)
							Shaft Size
							Inches:
							First digit = Number of inches
							Second & third digits = Number of sixteenths of an inch
							104 = Indicates 1-4/16 or 1-1/4
							S = Next smaller ring size. E.g. 1-1/4 206 would be written as 104S
							L = Next larger ring size. E.g. 1/2 204 would be written as 008L
							Metric:
							First two digits = number of millimeters
							M = Metric
							Bearing Type:
							CC = Wide inner ring, normal duty, setscrew locking (for Fan & Blower pillow blocks)
							SC = Wide inner ring, normal duty, 65° setscrew locking
							SCM = Wide inner ring, medium duty, 65° setscrew locking
							SL = Narrow inner ring, light duty, stamped steel housing, 65° setscrew locking
							VSC = Narrow inner ring, intermediate duty, 65° setscrew locking
							Suffixes to the above:
							AH = Air handling
							B = Low backing height pillow block
							H = High backing height (used with non-expansion and expansion units)
							U = Higher back pillow block (for interchangeability with competitor pillow blocks)
							Housing:
							CYL = Cylindrical Unit
							F2B = 2 bolt flange
							F2BZ = 2 bolt flange with pilot
							machined on the back side (used with
							metric <D> Lok bearings)
							F3B = 3 bolt flange
							F4B = 4 bolt flange
							FB = Flange bracket
							FC = Flanged cartridge (piloted flange)
							F&B = Fan and blower pillow block
							HNG = Hanger bearing
							LF = 3 bolt light duty flange
							LFT = 2 bolt light duty flange
							NSTU = Narrow slot take-up
							P2B = 2 bolt base pillow block
							SCHB = Screw conveyor hanger bearing
							TB = Tapped base pillow block
							TP = Top angle take-up
							WSTU = Wide slot take-up



Setscrew Ball Bearings

DODGE mounted ball bearings are primarily designed for radial loading. However, they have the capacity to carry thrust loads and combined radial/thrust loads. The maximum recommended load which can be applied is limited by various components in the system, such as bearing, housing, shaft attachments, speed and life requirements. DODGE mounted ball bearings have been applied successfully when these limits have been exceeded under controlled operating conditions. Contact DODGE Engineering for applications which exceed these recommendations.

Select a bearing from the Selection Chart that has a radial load rating at the operating speed equal to or greater than the calculated Equivalent Radial load for a desired L_{10} life. This simple method is all that is required for the majority of general applications and provides for occasional average shock loads.

L_{10} Hours Life-is the life which may be expected for at least 90% of a given group of bearings operating under identical conditions. For an L_{10} hours life other than those listed in the Selection Chart, multiply the equivalent Radial load by one of the following factors. For 50,000 L_{10} hours life, use a factor of 1.18 and for 80,000, use 1.39. Then select a bearing from the bold face (30,000) L_{10} ratings only in the Selection Chart that has a rating equal to or greater than this value.

Heavy Service-For heavy shock loads, frequent shock loads or severe vibrations, add up to 50% (according to severity of conditions) to the Equivalent Radial Load to obtain a Modified Equivalent Radial Load. Consult Application Engineering for additional selection assistance.

A thrust load value of $C/10$ is recommended as a guide for general applications and will give adequate L_{10} life. Where substantial radial load pulls the housing away from the mounting base, both the hold-down bolts and housing must be of adequate strength. Auxiliary load carrying devices, such as shear bars, are advisable for side or end-loading of pillow blocks and radial loads for flange units.

To determine the L_{10} hours life for loads and RPM's not listed use the following equation:

$$L_{10} = \left(\frac{C}{P}\right)^3 \times \frac{16667}{\text{RPM}}$$

Where:

L_{10} = Life, hours

C = Dynamic Capacity, lbs. or N

P = Equivalent Radial Load, lbs. or N

When the load on a ball bearing is solely a radial load with no thrust (axial) load, the Equivalent Radial Load (P) is equal to the actual radial load. However, when a thrust (axial) load is applied, the radial and thrust loads applied must be converted into an Equivalent Radial Load. The use of the X (radial factor) and Y (thrust factor) from Table 1 convert the actual applied thrust and radial loads to an Equivalent Radial Load which has the same effect on the life of a bearing as a radial load of this magnitude.

$$P = (X \times F_R) + (Y \times F_A)$$

Where:

P = Equivalent Radial Load, lbs.

F_R = Radial load, lbs.

F_A = Thrust load, lbs.

e = Thrust load to radial load factor (Table 1)

X = Radial load factor (Table 1)

Y = Thrust Factor (Table 1)

C_0 = Basic static capacity

To find X and Y , first calculate F_A/C_0 to determine e . Calculate F_A/F_R and compare to e to determine the X and Y factors to use from Table 1.

Substitute all known values into the Equivalent Radial Load equation. The Equivalent Radial loads (P) thus determined can be used in the L_{10} life formula or compared to the allowable Equivalent Radial Load rating desired in the expanded rating chart to select a bearing (Table 2).

If calculated value of P is less than F_R , use $P = F_R$.

F_A C_0	e	Radial/Thrust Factors			
		If F_A/F_R is equal to or less than e		If F_A/F_R is greater than e	
		$F_A/F_R \leq e$		$F_A/F_R > e$	
		X	Y	X	Y
.014	.19	1	0	0.56	2.30
.021	.21	1	0	0.56	2.15
.028	.22	1	0	0.56	1.99
.042	.24	1	0	0.56	1.85
.056	.26	1	0	0.56	1.71
.070	.27	1	0	0.56	1.63
.084	.28	1	0	0.56	1.55
.110	.30	1	0	0.56	1.45
.170	.34	1	0	0.56	1.31
.280	.38	1	0	0.56	1.15
.420	.42	1	0	0.56	1.04
.560	.44	1	0	0.56	1.00

Lubrication-DODGE Ball Bearings are lubricated at the factory and are ready to run. The bearings are initially lubricated with Shell Alvania #2 and should be relubricated with the same or some equivalent. For high speeds, high loads, extreme temperatures and other abnormal operating conditions, special greases may be required. Contact DODGE Application Engineering for recommendations on these types of applications.

Misalignment-DODGE Ball Bearings are designed to allow a maximum of $\pm 2^\circ$ static misalignment. These bearings are not suitable for dynamic misalignment. To ensure good alignment, mounting surfaces must be checked for flatness and must lie in the same plane. When tightening base bolts, each bolt should be alternately tightened in incremental torque values until full torque is achieved to prevent the angular shifting of the pillow block that occurs when one bolt is tightened to its full torque. Shimming may be required to minimize misalignment.

Shaft Tolerances		
Normal Shaft Size Inches	Commercial Shaft Tolerances Inches	Recommended Shaft Tolerances Set Screw Ball Bearings Inches
Up to 1-1/2"	+0.000 -0.002	+0.0000 -0.0005
Over 1-1/2" to 2-1/2"	+0.000 -0.003	+0.0000 -0.0010
Over 2-1/2" to 4"	+0.000 -0.004	+0.0000 -0.0010

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION/DIMENSIONS PAGE B3-10	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION



Setscrew Ball Bearings - Inch

Table 2: Easy Selection Table For Ball Bearing Mounted Units

RING-SIZE	SHAFT SIZE		DYNAMIC CAPACITY C, Lbs.	STATIC CAPACITY Co, Lbs.	L10 LIFE-HOURS	ALLOWABLE EQUIVALENT RADIAL LOAD RATING (LBS.) AT VARIOUS RPM*									
	SC, VSC, SL, CC	SCM				50	150	250	500	750	1000	1500	1750	2000	
203	1/2 5/8		2158	1000	20000	550	380	320	255	225	205	175	170	160	
					30000	480	335	280	225	195	175	155	145	140	
					40000	440	305	255	205	175	160	140	135	130	
					60000	380	265	225	175	155	140	125	115	110	
					100000	320	225	190	150	130	120	105	100	95	
204	1/2 5/8 3/4 13/16		2899	1390	20000	740	515	435	345	300	275	240	225	215	
					30000	645	450	380	300	260	240	210	200	190	
					40000	590	410	345	275	240	215	190	180	170	
					60000	515	355	300	240	210	190	165	155	150	
					100000	435	300	255	200	175	160	140	130	125	
205	7/8 15/16 1		3146	1565	20000	805	560	470	375	325	295	260	245	235	
					30000	705	485	410	325	285	260	225	215	205	
					40000	640	445	375	295	260	235	205	195	185	
					60000	560	385	325	260	225	205	180	170	165	
					100000	470	325	275	220	190	175	150	145	135	
206	1-1/16 1-1/8 1-3/16 1-1/4	1	4368	2250	20000	1115	775	655	520	455	410	360	340	325	
					30000	975	675	570	455	395	360	315	300	285	
					40000	885	615	520	410	360	325	285	270	260	
					60000	775	535	455	360	315	285	250	235	225	
					100000	655	455	380	305	265	240	210	200	190	
207	1-1/4 1-5/16 1-3/8 1-7/16	1-3/16 1-1/4	5759	3065	20000	1475	1020	860	685	595	545	475	450	430	
					30000	1285	890	755	595	520	475	415	395	375	
					40000	1170	810	685	545	475	430	375	355	340	
					60000	1020	710	595	475	415	375	330	310	300	
					100000	860	595	505	400	350	315	275	265	250	
208	1-1/2 1-5/8	1-7/16 1-1/2**	7332	4005	20000	1875	1300	1095	870	760	690	605	575	550	
					30000	1640	1135	960	760	665	605	525	500	480	
					40000	1490	1030	870	690	605	550	480	455	435	
					60000	1300	900	760	605	525	480	420	400	380	
					100000	1095	760	640	510	445	405	355	335	320	
209	1-5/8 1-11/16 1-3/4	1-1/2	7891	4450	20000	2020	1400	1180	935	820	745	650	615	590	
					30000	1765	1225	1030	820	715	650	570	540	515	
					40000	1600	1110	935	745	650	590	515	490	470	
					60000	1400	970	820	650	570	515	450	430	410	
					100000	1180	820	690	550	480	435	380	360	345	
210	1-15/16 2	1-11/16 1-3/4	7891	4450	20000	2020	1400	1180	935	820	745	650	615	590	
					30000	1765	1225	1030	820	715	650	570	540	515	
					40000	1600	1110	935	745	650	590	515	490	470	
					60000	1400	970	820	650	570	515	450	430	410	
					100000	1180	820	690	550	480	435	380	360	345	
211	2 2-3/16 2-1/4	1-15/16 2	9755	5630	20000	2491	1727	1457	1156	1010	918	802	761	729	
					30000	2176	1509	1272	1010	882	802	700	665	636	
					40000	1977	1371	1156	918	802	728	636	604	578	
					60000	1727	1197	1010	802	700	636	556	528	505	
					100000	1457	1010	852	676	591	537	469	445	426	
212	2-1/4 2-7/16	2-3/16 2-1/4	11791	6955	20000	3015	2090	1765	1400	1225	1110	970	925	880	
					30000	2635	1825	1540	1225	1070	970	880	805	770	
					40000	2395	1660	1400	1110	970	880	770	730	700	
					60000	2090	1450	1225	970	850	770	675	640	610	
					100000	1765	1225	1030	820	715	650	570	540	515	
214	2 11/16	2-7/16 2-1/2	13995	8410	20000	3580	2480	2095	1660	1450	1320	1155	1095	1045	
					30000	3125	2170	1830	1450	1270	1155	1005	955	915	
					40000	2840	1970	1660	1320	1155	1045	915	870	830	
					60000	2480	1720	1450	1155	1005	915	800	760	725	
					100000	2095	1450	1225	970	850	770	675	640	615	
215	2-15/16	2-11/16	14872	9255	20000	3805	2640	2225	1765	1545	1400	1225	1165	1115	
					30000	3325	2305	1945	1545	1350	1225	1070	1015	975	
					40000	3020	2095	1765	1400	1225	1115	975	925	885	
					60000	2640	1830	1545	1225	1070	975	850	805	770	
					100000	2225	1545	1300	1035	905	820	715	680	650	
216	2-15/16 3		17407	11015	20000	4450	3085	2605	2065	1805	1640	1435	1360	1300	
					30000	3890	2695	2275	1805	1580	1435	1250	1190	1140	
					40000	3535	2450	2065	1640	1435	1300	1140	1080	1035	
					60000	3085	2140	1805	1435	1250	1140	995	945	905	
					100000	2605	1805	1525	1210	1055	960	840	795	760	
218	3-7/16 3-1/2		21451	13940	20000	5485	3805	3210	2550	2225	2025	1765	1680	1605	
					30000	4795	3325	2805	2225	1945	1765	1545	1465	1405	
					40000	4355	3020	2550	2025	1765	1605	1405	1335	1276	
					60000	3805	2640	2225	1765	1545	1405	1225	1165	1115	
					100000	3210	2225	1880	1490	1300	1185	1035	980	940	

* Slight interference fit required when operating on the right of the heavy line or in the shaded area ** Piloted flange only

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION/DIMENSIONS PAGE B3-10	MODIFICATION/ACCESSORIES PAGE B3-132
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Setscrew Ball Bearings - Inch

Table 2 (Continued): Easy Selection Table For Ball Bearing Mounted Units

RING-SIZE	SHAFT SIZE		DYNAMIC CAPACITY C, Lbs.	STATIC CAPACITY Co, Lbs.	L10 LIFE-HOURS	ALLOWABLE EQUIVALENT RADIAL LOAD RATING (LBS.) AT VARIOUS RPM*									
	SC, VSC, SL, CC	SCM				2500	3000	3500	4000	4500	5000	5500	6500	7500	
203	1/2 5/8		2158	1000	20000	150	140	135	130	125	120	115	110	105	
					30000	130	125	115	110	105	105	100	95	90	
					40000	120	110	105	100	95	95	90	85	80	
					60000	105	95	95	90	85	80	80	75	70	
					100000	85	80	80	75	70	70	65	65	60	
204	1/2 5/8 3/4 13/16		2899	1390	20000	200	190	180	170	165	160	155	145	140	
					30000	175	165	155	150	145	140	135	130	125	120
					40000	160	150	145	135	130	125	125	115	110	
					60000	140	130	125	120	115	110	105	100	95	
					100000	115	110	105	100	90	95	90	85	80	
205	7/8 15/16 1		3146	1565	20000	220	205	195	185	180	175	170	160	150	
					30000	190	180	170	165	155	150	145	140	130	
					40000	175	165	155	150	140	135	135	125	120	
					60000	150	140	135	130	125	120	115	110	105	
					100000	125	120	115	110	105	100	100	95	90	
206	1-1/16 1-1/8 1-3/16 1-1/4	1	4368	2250	20000	305	285	270	260	250	240	235	200		
					30000	265	250	235	225	220	210	205	195		
					40000	240	225	215	205	200	190	185	175		
					60000	210	200	190	180	175	165	160	155		
					100000	175	165	160	150	145	140	135	130		
207	1-1/4 1-5/16 1-3/8 1-7/16	1-3/16 1-1/4	5759	3065	20000	400	375	355	340	330	315	305			
					30000	350	330	310	300	285	275	270			
					40000	315	300	285	270	260	250	245			
					60000	275	260	250	235	230	220	225			
					100000	235	220	210	200	190	185	180			
208	1-1/2 1-5/8	1-7/16 1-1/2**	7332	4005	20000	510	480	455	435	420	405				
					30000	445	420	400	380	365	355				
					40000	405	380	360	345	330	320				
					60000	355	330	315	300	290	280				
					100000	300	280	265	255	245	235				
209	1-5/8 1-11/16 1-3/4	1-1/2	7891	4450	20000	550	515	490	470	450	435				
					30000	480	450	430	410	395	380				
					40000	435	410	390	370	360	345				
					60000	380	360	340	325	310	300				
					100000	320	300	285	275	265	255				
210	1-15/16 2	1-11/16 1-3/4	7891	4450	20000	550	515	490	470	450					
					30000	480	450	430	410	395					
					40000	435	410	390	370	360					
					60000	380	360	340	325	310					
					100000	320	300	285	275	265					
211	2 2-3/16 2-1/4	1-15/16 2	9755	5630	20000	676	636	604	578						
					30000	591	556	528	505						
					40000	537	505	480	459						
					60000	469	441	419	401						
					100000	395	372	353	338						
212	2-1/4 2-7/16	2-3/16 2-1/4	11791	6955	20000	820	770	730							
					30000	715	675	640							
					40000	650	610	580							
					60000	570	535	510							
					100000	480	450	430							
214	2 11/16	2-7/16 2-1/2	13995	8410	20000	970	915								
					30000	850	800								
					40000	770	725								
					60000	675	635								
					100000	570	535								
215	2-15/16	2-11/16	14872	9255	20000	1035	975								
					30000	905	850								
					40000	820	770								
					60000	715	675								
					100000	605	570								
216		2-15/16 3	17407	11015	20000	1210									
					30000	1055									
					40000	960									
					60000	840									
					100000	705									
218		3-7/16 3-1/2	21451	13940	20000										
					30000										
					40000										
					60000										
					100000										

* Slight interference fit required when operating on the right of the heavy line or in the shaded area ** Piloted flange only

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION/DIMENSIONS PAGE B3-10	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION



Setscrew Ball Bearings - Metric

Table 2 (Continued): Easy Selection Table For Ball Bearing Mounted Units

RING-SIZE	SHAFT SIZE		DYNAMIC CAPACITY C, N.	STATIC CAPACITY Co, N.	L10 LIFE-HOURS	ALLOWABLE EQUIVALENT RADIAL LOAD RATING (N.) AT VARIOUS RPM*									
	SC, VSC, SL, CC	SCM				50	150	250	500	750	1000	1500	1750	2000	
203	17mm		9600	4450	20000	2446	1690	1423	1134	1001	912	778	756	712	
					30000	2135	1490	1245	1001	867	778	689	645	623	
					40000	1957	1357	1134	912	778	712	623	600	578	
					60000	1690	1179	1001	778	689	623	556	512	489	
					100000	1423	1001	845	667	578	534	467	445	423	
204	20mm		12895	6185	20000	3292	2291	1935	1535	1334	1223	1068	1001	956	
					30000	2869	2002	1690	1334	1156	1068	934	890	845	
					40000	2624	1824	1535	1223	1068	956	845	801	756	
					60000	2291	1579	1334	1068	934	845	734	689	667	
					100000	1935	1334	1134	890	778	712	623	578	556	
205	25mm		13995	6964	20000	3581	2491	2091	1668	1446	1312	1156	1090	1045	
					30000	3136	2157	1824	1446	1268	1156	1001	956	912	
					40000	2847	1979	1668	1312	1156	1045	912	867	823	
					60000	2491	1712	1446	1156	1001	912	801	756	734	
					100000	2091	1446	1223	979	845	778	667	645	600	
206	30mm	25mm	18993	10013	20000	4960	3447	2913	2313	2024	1824	1601	1512	1446	
					30000	4337	3002	2535	2024	1757	1601	1401	1334	1268	
					40000	3936	2736	2313	1824	1601	1446	1268	1201	1156	
					60000	3447	2380	2024	1601	1401	1268	1112	1045	1001	
					100000	2913	2024	1690	1357	1179	1068	934	890	845	
207	35mm	30mm	25628	13639	20000	6561	4537	3825	3047	2647	2424	2113	2002	1913	
					30000	5716	3959	3358	2674	2313	2113	1846	1757	1668	
					40000	5204	3603	3047	2424	2113	1913	1668	1579	1512	
					60000	4537	3158	2647	2113	1846	1669	1468	1379	1334	
					100000	3825	2647	2246	1779	1557	1401	1223	1179	1112	
208	40mm	35mm	32627	17822	20000	8340	5782	4871	3870	3380	3069	2691	2558	2446	
					30000	7295	5048	4270	3380	2958	2691	2335	2224	2135	
					40000	6628	4581	3870	3069	2691	2446	2135	2024	1935	
					60000	5782	4003	3380	2691	2335	2135	1868	1779	1690	
					100000	4871	3380	2847	2268	1979	1801	1579	1490	1423	
209	45mm	40mm	35115	19803	20000	8985	6227	5249	4159	3647	3314	2891	2736	2624	
					30000	7851	5449	4581	3647	3180	2891	2535	2402	2291	
					40000	7117	4937	4159	3314	2891	2624	2291	2180	2091	
					60000	6227	4315	3647	2891	2535	2291	2002	1913	1824	
					100000	5249	3647	3069	2446	2135	1935	1690	1601	1535	
210	50mm	45mm	35115	19803	20000	8985	6227	5249	4159	3647	3314	2891	2736	2624	
					30000	7851	5449	4581	3647	3180	2891	2535	2402	2291	
					40000	7117	4937	4159	3314	2891	2624	2291	2180	2091	
					60000	6227	4315	3647	2891	2535	2291	2002	1913	1824	
					100000	5249	3647	3069	2446	2135	1935	1690	1601	1535	
211	55mm	50mm	43394	25054	20000	11079	7682	6479	5142	4492	4082	3566	3387	3241	
					30000	9678	6711	5680	4492	3924	3566	3115	2959	2831	
					40000	8793	6097	5142	4082	3566	3240	2830	2688	2572	
					60000	7682	5326	4492	3566	3115	2830	2472	2348	2247	
					100000	6479	4492	3789	3007	2627	2387	2085	1981	1895	
212	60mm	55mm	52470	30950	20000	13411	9296	7851	6227	5449	4937	4315	4114	3914	
					30000	11720	8118	6850	5449	4759	4315	3914	3581	3425	
					40000	10653	7384	6227	4937	4315	3914	3425	3247	3114	
					60000	9296	6450	5449	4315	3781	3425	3002	2847	2713	
					100000	7851	5449	4581	3647	3180	2891	2535	2402	2291	
214	70mm	65mm	62278	37425	20000	15924	11031	9319	7384	6450	5871	5137	4871	4648	
					30000	13900	9672	8140	6450	5649	5137	4470	4248	4070	
					40000	12632	8763	7384	5871	5137	4648	4070	3870	3692	
					60000	11031	7651	6450	5137	4470	4070	3558	3380	3225	
					100000	9319	6450	5449	4315	3781	3425	3002	2847	2736	
215	75mm	70mm	66180	41185	20000	16925	11743	9897	7851	6872	6227	5449	5182	4960	
					30000	14790	10253	8651	6872	6005	5449	4759	4515	4337	
					40000	13433	9319	7851	6227	5449	4960	4337	4114	3936	
					60000	11743	8140	6872	5449	4759	4337	3781	3581	3425	
					100000	9897	6872	5782	4604	4025	3647	3180	3025	2891	
216	75mm	75mm	77426	49155	20000	19794	13722	11587	9185	8029	7295	6383	6049	5782	
					30000	17303	11987	10119	8029	7028	6383	5560	5293	5071	
					40000	15724	10898	9185	7295	6383	5782	5071	4804	4604	
					60000	13722	9519	8029	6393	5560	5071	4426	4203	4025	
					100000	11587	8029	6783	5382	4693	4270	3736	3536	3380	
218	85mm		95371	62005	20000	24397	16925	14278	11342	9897	9007	7851	7473	7139	
					30000	21328	14790	12477	9897	8651	7851	6872	6516	6249	
					40000	19371	13433	11342	9007	7851	7139	6249	5938	5676	
					60000	16925	11743	9897	7851	6872	6249	5449	5182	4960	
					100000	14278	9897	8362	6628	5782	5271	4604	4359	4181	

* Slight interference fit required when operating on the right of the heavy line or in the shaded area

FEATURES/BENEFITS
PAGE B3-2NOMENCLATURE
PAGE B3-6SELECTION/DIMENSIONS
PAGE B3-10MODIFICATION/ACCESSORIES
PAGE B3-132



Setscrew Ball Bearings - Metric

Table 2 (Continued): Easy Selection Table For Ball Bearing Mounted Units

RING-SIZE	SHAFT SIZE		DYMANIC CAPACITY C, N.	STATIC CAPACITY Co, N.	L10 LIFE-HOURS	ALLOWABLE EQUIVALENT RADIAL LOAD RATING (N.) AT VARIOUS RPM*									
	SC, VSC,SL, C	SCM				2500	3000	3500	4000	4500	5000	5500	6500	7500	
203	17mm		9600	4450	20000	667	623	600	578	556	534	512	489	467	
					30000	578	556	512	489	467	445	423	400		
					40000	534	489	467	445	423	423	400	378	356	
					60000	467	423	423	400	378	356	358	334	311	
					100000	378	356	356	334	311	311	289	289	267	
204	20mm		12895	6185	20000	890	845	801	756	734	712	689	645	623	
					30000	778	724	689	667	645	623	600	578	534	
					40000	712	667	645	600	578	556	556	512	489	
					60000	623	578	556	534	512	489	467	445	423	
					100000	512	489	467	445	400	423	400	378	356	
205	25mm		13995	6964	20000	979	912	867	823	801	778	756	712	667	
					30000	845	801	756	734	689	667	645	623	578	
					40000	778	734	689	667	623	600	600	556	534	
					60000	667	623	600	578	556	534	512	489	467	
					100000	556	534	512	489	467	445	445	423	400	
206	30mm	25mm	18993	10013	20000	1357	1268	1201	1156	1112	1068	1045	979		
					30000	1179	1112	1045	1001	979	934	912	867		
					40000	1068	1001	958	912	890	845	823	778		
					60000	934	890	845	801	778	734	712	689		
					100000	778	734	712	667	645	623	600	578		
207	35mm	30mm	25628	13639	20000	1779	1668	1579	1512	1468	1401	1357			
					30000	1557	1468	1379	1134	1268	1223	1201			
					40000	1401	1334	1268	1201	1156	1112	1090			
					60000	1223	1156	1112	1045	1023	979	956			
					100000	1045	979	934	890	845	823	801			
208	40mm	35mm	32627	17822	20000	2268	2135	2024	1935	1868	1801				
					30000	1979	1868	1779	1690	1624	1579				
					40000	1801	1690	1601	1535	1468	1423				
					60000	1576	1468	1401	1334	1290	1245				
					100000	1334	1245	1179	1134	1090	1045				
209	45mm	40mm	35115	19803	20000	2446	2291	2180	2091	2002	1935				
					30000	2135	2002	1913	1824	1757	1690				
					40000	1935	1824	1735	1646	1601	1535				
					60000	1690	1601	1512	1446	1379	1334				
					100000	1423	1334	1268	1223	1179	1134				
210	50mm	45mm	35115	19803	20000	2446	2291	2180	2091	2002					
					30000	2135	2002	1913	1824	1757					
					40000	1935	1824	1735	1646	1601					
					60000	1690	1601	1512	1446	1379					
					100000	1423	1334	1268	1223	1179					
211	55mm	50mm	43394	25054	20000	3007	2830	2688	2571						
					30000	2627	2472	2348	2246						
					40000	2387	2246	2134	2041						
					60000	2085	1962	1864	1783						
					100000	1759	1655	1572	1504						
212	60mm	55mm	52470	30950	20000	3647	3425	3247							
					30000	3180	3002	2847							
					40000	2891	2713	2580							
					60000	2535	2380	2268							
					100000	2135	2002	1913							
214	70mm	65mm	62278	37425	20000	4315	4070								
					30000	3781	3558								
					40000	3425	3225								
					60000	3002	2824								
					100000	2535	2380								
215	75mm	70mm	66180	41185	20000	4604	4337								
					30000	4025	3781								
					40000	3647	3425								
					60000	3180	3002								
					100000	2691	2535								
216		75mm	77426	49155	20000	5382									
					30000	4693									
					40000	4270									
					60000	3736									
					100000	3136									
218		85mm	95371	62005	20000										
					30000										
					40000										
					60000										
					100000										

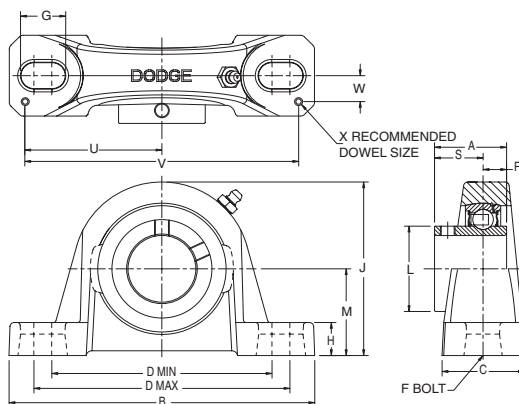
* Slight interference fit required when operating on the right of the heavy line or in the shaded area

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION/DIMENSIONS PAGE B3-10	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SC AND SCU NORMAL DUTY PILLOW BLOCKS



Lube Fitting

203 series - 1/4-28 tapered thread

204 series and larger - 1/8-27 NPT

Series	Shaft Size	Standard		No-Lube/Sealed for Life (-NL)		With Flingers	
		Part No.	Description	Part No.	Description	Part No.	Description
203	1/2	123830	P2B-SC-008	123932	P2B-SC-008-NL	@	P2B-SC-008-FF
	5/8	123831	P2B-SC-010	126500	P2B-SC-010-NL	124575	P2B-SC-010-FF
	17mm	053170	P2B-SC-17M	@	P2B-SC-17M-NL	@	P2B-SC-17M-FF
203 (SCU)	1/2	123753	P2B-SCU-008	@	P2B-SCU-008-NL	@	P2B-SCU-008-FF
	5/8	123754	P2B-SCU-010	@	P2B-SCU-010-NL	@	P2B-SCU-010-FF
	17mm	125850	P2B-SCU-17M	@	P2B-SCU-17M-NL	@	P2B-SCU-17M-FF
204	1/2	123835	P2B-SC-008L	052101	P2B-SC-008L-NL	@	P2B-SC-008L-FF
	5/8	123836	P2B-SC-010L	@	P2B-SC-010L-NL	@	P2B-SC-010L-FF
	3/4	123803	P2B-SC-012	052012	P2B-SC-012-NL	053256	P2B-SC-012-FF
	20mm	125851	P2B-SC-20M	@	P2B-SC-20M-NL	@	P2B-SC-20M-FF
205	7/8	123804	P2B-SC-014	126502	P2B-SC-014-NL	@	P2B-SC-014-FF
	15/16	123805	P2B-SC-015	126503	P2B-SC-015-NL	124029	P2B-SC-015-FF
	1	123806	P2B-SC-100	123824	P2B-SC-100-NL	123779	P2B-SC-100-FF
	25mm	125852	P2B-SC-25M	056744	P2B-SC-25M-NL	@	P2B-SC-25M-FF
206	1-1/16	123807	P2B-SC-101	126504	P2B-SC-101-NL	@	P2B-SC-101-FF
	1-1/8	123808	P2B-SC-102	126505	P2B-SC-102-NL	125383	P2B-SC-102-FF
	1-3/16	123809	P2B-SC-103	123828	P2B-SC-103-NL	050270	P2B-SC-103-FF
	1-1/4	123170	P2B-SC-104S	049852	P2B-SC-104S-NL	@	P2B-SC-104S-FF
	30mm	125853	P2B-SC-30M	@	P2B-SC-30M-NL	053198	P2B-SC-30M-FF
206 (SCU)	1-1/16	123877	P2B-SCU-101	@	P2B-SCU-101-NL	@	P2B-SCU-101-FF
	1-1/8	123878	P2B-SCU-102	@	P2B-SCU-102-NL	@	P2B-SCU-102-FF
	1-3/16	123879	P2B-SCU-103	050837	P2B-SCU-103-NL	@	P2B-SCU-103-FF
	1-1/4	123894	P2B-SCU-104S	@	P2B-SCU-104S-NL	@	P2B-SCU-104S-FF
	30mm	125854	P2B-SCU-30M	@	P2B-SCU-30M-NL	@	P2B-SCU-30M-FF
207	1-1/4	123810	P2B-SC-104	123933	P2B-SC-104-NL	123097	P2B-SC-104-FF
	1-5/16	123811	P2B-SC-105	@	P2B-SC-105-NL	@	P2B-SC-105-FF
	1-3/8	123812	P2B-SC-106	123781	P2B-SC-106-NL	054695	P2B-SC-106-FF
	1-7/16	123813	P2B-SC-107	123792	P2B-SC-107-NL	051571	P2B-SC-107-FF
	35mm	125855	P2B-SC-35M	@	P2B-SC-35M-NL	@	P2B-SC-35M-FF

@ Assembled to order.

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SC AND SCU NORMAL DUTY PILLOW BLOCKS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs. kgs.	A	B	C	D		F Bolt Dia.	G	H	J	L	M	R	S	U	V	W	X
						Min.	Max.												
203	1/2	1.1	1	5	1-13/64	3-1/4	4-1/16	3/8	27/32	15/32	2-9/64	31/32	1-1/16	23/64	41/64	2-1/4	4-1/2	3/8	1/8
	5/8	1.0																	
	17mm	0.4	25.4	127.0	30.6	82.6	103.2	M10	21.4	11.9	54.4	24.6	27.0	9.1	16.3	57.2	114.3	9.5	3.2
203 (SCU)	1/2	1.2	1	5	1-13/64	3-1/4	4-1/16	3/8	27/32	19/32	2-17/64	31/32	1-3/16	23/64	41/64	2-1/4	4-1/2	3/8	1/8
	5/8	1.0																	
	17mm	0.4	25.4	127.0	30.6	82.6	103.2	M10	21.4	15.1	57.5	24.6	30.2	9.1	16.3	57.2	114.3	9.5	3.2
204	1/2	1.6	1-5/32	5-1/4	1-21/64	3-3/8	4-3/16	3/8	27/32	33/64	2-9/16	1-1/8	1-5/16	27/64	47/64	2-1/4	4-1/2	1/2	1/8
	5/8	1.5																	
	3/4	1.4																	
205	20mm	0.7	29.4	133.4	33.7	85.7	106.4	M10	21.4	13.1	65.1	28.6	33.3	10.7	18.7	57.2	114.3	12.7	3.2
	7/8	1.8	1-3/16	5-1/2	1-13/32	3-11/16	4-1/2	3/8	27/32	37/64	2-25/32	1-5/16	1-7/16	27/64	49/64	2-1/2	5	1/2	3/16
	15/16	1.7																	
206	1	1.6																	
	25mm	0.7	30.2	139.7	35.7	93.7	114.3	M10	21.4	14.7	70.6	33.3	36.5	10.7	19.4	63.5	127.0	12.7	4.8
	1-1/16	2.8	1-25/64	6-1/4	1-47/64	4-1/4	5	1/2	15/16	11/16	3-1/4	1-37/64	1-5/8	31/64	29/32	2-7/8	5-3/4	9/16	3/16
206 (SCU)	1-1/8	2.7																	
	1-3/16	2.6																	
	1-1/4	2.5																	
207	30mm	1.1	35.3	158.8	44.1	108.0	127.0	M12	23.8	17.5	82.6	40.1	41.3	12.3	23.0	73.0	146.1	14.3	4.8
	1-1/16	2.9	1-25/64	6-1/4	1-47/64	4-1/4	5	1/2	15/16	3/4	3-5/16	1-37/64	1-11/16	31/64	29/32	2-7/8	5-3/4	9/16	3/16
	1-1/8	2.8																	
207	1-3/16	2.7																	
	1-1/4	2.6																	
	30mm	1.1	35.3	158.8	44.1	108.0	127.0	M12	23.8	19.1	84.1	40.1	42.9	12.3	23.0	73.0	146.1	14.3	4.8
207	1-1/4	4.5	1-17/32	6-1/2	1-47/64	4-11/16	5-7/16	1/2	15/16	45/64	3-3/4	1-27/32	1-7/8	1/2	1-1/32	2-29/32	5-13/16	9/16	3/16
	1-5/16	4.4																	
	1-3/8	4.3																	
207	1-7/16	4.2																	
	35mm	1.5	38.9	165.1	44.1	119.1	138.1	M12	23.8	17.9	95.3	46.8	47.6	12.7	26.2	73.8	147.6	14.3	4.8

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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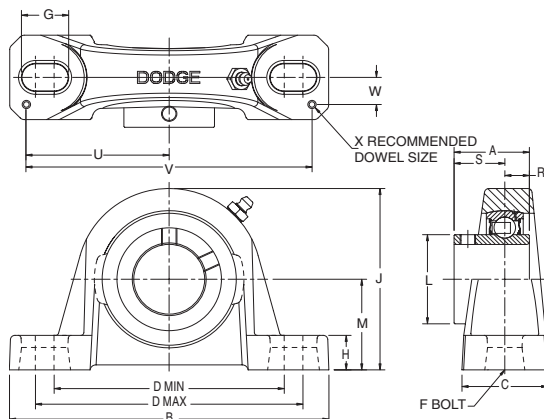
SELECTION/DIMENSIONS



Setscrew Ball Bearings SC AND SCU NORMAL DUTY PILLOW BLOCKS

Lube Fitting

203 series - 1/4-28 tapered thread
204 series and larger - 1/8-27 NPT



Series	Shaft Size	Standard		No-Lube/Sealed for Life (-NL)		With Flingers	
		Part No.	Description	Part No.	Description	Part No.	Description
208	1-1/2	123814	P2B-SC-108	123829	P2B-SC-108-NL	125172	P2B-SC-108-FF
	1-5/8	123815	P2B-SC-110	126510	P2B-SC-110-NL	051996	P2B-SC-110-FF
	40mm	056855	P2B-SC-40M	@	P2B-SC-40M-NL	053199	P2B-SC-40M-FF
209	1-5/8	125169	P2B-SC-110L	@	P2B-SC-110L-NL	@	P2B-SC-110L-FF
	1-11/16	123816	P2B-SC-111	123784	P2B-SC-111-NL	064657	P2B-SC-111-FF
	1-3/4	123817	P2B-SC-112	123782	P2B-SC-112-NL	051896	P2B-SC-112-FF
	45mm	125857	P2B-SC-45M	@	P2B-SC-45M-NL	052259	P2B-SC-45M-FF
210	1-15/16	123818	P2B-SC-115	123793	P2B-SC-115-NL	@	P2B-SC-115-FF
	2	123819	P2B-SC-200	123939	P2B-SC-200-NL	@	P2B-SC-200-FF
	50mm	125858	P2B-SC-50M	@	P2B-SC-50M-NL	@	P2B-SC-50M-FF
211	2	126815	P2B-SCM-200	126547	P2B-SCM-200-NL	054561	P2B-SCM-200-FF
	2-3/16	123820	P2B-SC-203	123783	P2B-SC-203-NL	056759	P2B-SC-203-FF
	2-1/4	123821	P2B-SC-204	126513	P2B-SC-204-NL	057335	P2B-SC-204-FF
	55mm	125859	P2B-SC-55M	@	P2B-SC-55M-NL	@	P2B-SC-55M-FF
212	2-1/4	126817	P2B-SCM-204	@	P2B-SCM-204-NL	@	P2B-SCM-204-FF
	2-7/16	123822	P2B-SC-207	123987	P2B-SC-207-NL	054265	P2B-SC-207-FF
	60mm	125860	P2B-SC-60M	062162	P2B-SC-60M-NL	@	P2B-SC-60M-FF
214	2-1/2	126819	P2B-SCM-208	@	P2B-SCM-208-NL	@	P2B-SCM-208-FF
	2-11/16	123839	P2B-SC-211	@	P2B-SC-211-NL	@	P2B-SC-211-FF
	70mm	125861	P2B-SC-70M	126548	P2B-SC-70M-NL	059677	P2B-SC-70M-FF
215	2-15/16	123823	P2B-SC-215	123636	P2B-SC-215-NL	049828	P2B-SC-215-FF
	75mm	125862	P2B-SC-75M	@	P2B-SC-75M-NL	@	P2B-SC-75M-FF
215 (SCU)	2-15/16	123728	P2B-SCU-215	@	P2B-SCU-215-NL	054264	P2B-SCU-215-FF
	75mm	052792	P2B-SCU-75M	@	P2B-SCU-75M-NL	@	P2B-SCU-75M-FF
218	90mm	052794	P2B-SC-90M	@	P2B-SC-90M-NL	@	P2B-SC-90M-FF

@Assembled to order

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SC AND SCU NORMAL DUTY PILLOW BLOCKS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs. kgs.	A	B	C	D		F Bolt Dia.	G	H	J	L	M	R	S	U	V	W	X
						Min.	Max.												
208	1-1/2	5.4	1-11/16	7-1/4	1-15/16	5-3/16	5-7/8	1/2	29/32	15/16	4-3/16	2-3/64	2-1/8	19/32	1-3/32	3-17/64	6-17/32	11/16	3/16
	1-5/8	5.3																	
	40mm	2.2	42.9	184.2	49.2	131.8	149.2	M12	23.0	23.8	106.4	52.0	54.0	15.1	27.8	82.9	165.9	17.5	4.8
209	1-5/8	6.6	1-23/32	7-7/16	2	5-1/2	6-3/16	1/2	29/32	3/4	4-9/32	2-7/32	2-1/8	19/32	1-1/8	3-3/8	6-3/4	11/16	3/16
	1-11/16	6.4																	
	1-3/4	6.2																	
210	45mm	2.2	43.7	188.9	50.8	139.7	161.9	M12	23.0	19.1	108.7	56.4	54.0	15.1	28.6	85.7	171.5	17.5	4.8
	1-15/16	7.2	1-3/4	8-1/8	2-1/4	6	6-11/16	5/8	1-1/16	3/4	4-17/32	2-7/16	2-1/4	19/32	1-5/32	3-11/16	7-3/8	13/16	3/16
	2	7.0																	
211	50mm	2.6	44.5	206.4	57.2	152.4	169.9	M16	27.0	19.1	115.1	61.9	57.2	15.1	29.4	93.7	187.3	20.6	4.8
	2	9.0	1-27/32	8-7/8	2-5/16	6-3/8	7-7/16	5/8	1-7/32	7/8	4-31/32	2-23/32	2-1/2	5/8	1-7/32	3-15/16	7-7/8	13/16	3/16
	2-3/16	8.9																	
212	2-1/4	8.8																	
	55mm	3.3	46.8	225.4	58.7	161.9	188.9	M16	31.0	22.2	126.2	69.1	63.5	15.9	31.0	100.0	200.0	20.6	4.8
	2-1/4	10.8	1-63/64	9-1/2	2-3/8	6-7/8	7-15/16	5/8	1-7/32	7/8	5-13/32	2-31/32	2-3/4	43/64	1-5/16	4-1/4	8-1/2	7/8	3/16
214	2-7/16	10.2																	
	60mm	4.2	50.4	241.3	60.3	174.6	201.6	M16	31.0	22.2	137.3	75.4	69.9	17.1	33.3	108.0	215.9	22.2	4.8
	2-1/2	15.5	2-15/64	10-3/4	2-11/16	7-1/2	8-1/2	3/4	1-5/16	15/16	6-3/32	3-5/16	3	51/64	1-7/16	4-7/8	9-3/4	15/16	3/16
215	2-11/16	15.0																	
	70mm	6.9	56.8	273.1	68.3	190.5	215.9	M18	33.3	23.8	154.8	84.1	76.2	20.2	36.5	123.8	247.7	23.8	4.8
	2-15/16	20.5	2-9/32	11-3/4	2-7/8	8-1/2	9-1/2	7/8	1-7/16	1	6-3/4	3-5/8	3-1/2	13/16	1-15/32	5-31/64	10-31/32	1-3/64	3/16
215 (SCU)	75mm	7.9	57.9	298.5	73.0	215.9	241.3	M22	36.5	25.4	171.5	92.1	88.9	20.6	37.3	139.3	278.6	26.6	4.8
	2-15/16	20.7	2-9/32	11-3/4	2-7/8	8-1/2	9-1/2	7/8	1-7/16	1	6-1/2	3-5/8	3-1/4	13/16	1-15/32	5-31/64	10-31/32	1-3/64	3/16
	75mm	8.0	57.9	298.5	73.0	215.9	241.3	M22	36.5	25.4	165.1	92.1	82.6	20.6	37.3	139.3	278.6	26.6	4.8
218	90mm	13.6	63.1	355.6	85.7	261.9	295.3	M22	40.5	33.3	203.2	110.7	101.6	23.4	39.7	116.7	333.4	30.2	4.8

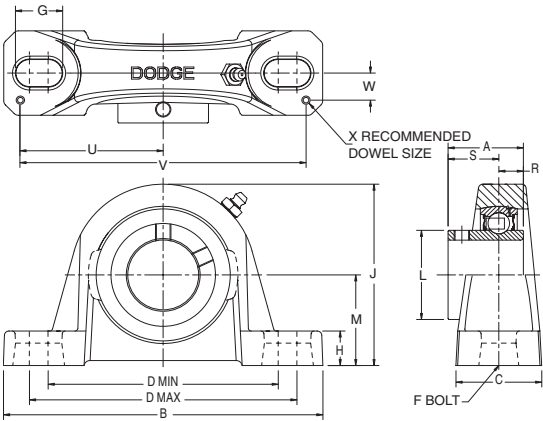
FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SCAH AND SCUAH AIR HANDLING NORMAL DUTY PILLOW BLOCKS

Lube Fitting
203 series - 1/4-28 tapered thread
204 series and larger - 1/8-27 NPT



Series	Shaft Size	Part No.	Description
203	1/2	123725	P2B-SCAH-008
	5/8	123958	P2B-SCAH-010
	17mm	@	P2B-SCAH-17M
203 (SCU)	1/2	@	P2B-SCUAH-008
	5/8	@	P2B-SCUAH-010
	17mm	@	P2B-SCUAH-17M
204	1/2	@	P2B-SCAH-008L
	5/8	123790	P2B-SCAH-010L
	3/4	123904	P2B-SCAH-012
	20mm	056606	P2B-SCAH-20M
205	7/8	064450	P2B-SCAH-014
	15/16	123903	P2B-SCAH-015
	1	123905	P2B-SCAH-100
	25mm	053718	P2B-SCAH-25M
206	1-1/16	@	P2B-SCAH-101
	1-1/8	123919	P2B-SCAH-102
	1-3/16	123906	P2B-SCAH-103
	1-1/4	@	P2B-SCAH-104S
	30mm	@	P2B-SCAH-30M
206 (SCU)	1-1/16	@	P2B-SCUAH-101
	1-1/8	@	P2B-SCUAH-102
	1-3/16	123918	P2B-SCUAH-103
	1-1/4	123183	P2B-SCUAH-104S
	30mm	@	P2B-SCUAH-30M
207	1-1/4	123907	P2B-SCAH-104
	1-5/16	@	P2B-SCAH-105
	1-3/8	050792	P2B-SCAH-106
	1-7/16	123908	P2B-SCAH-107
	35mm	053717	P2B-SCAH-35M

@ Assembled to order

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings

SCAH AND SCUAH AIR HANDLING NORMAL DUTY PILLOW BLOCKS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs. kgs.	A	B	C	D		F Bolt Dia.	G	H	J	L	M	R	S	U	V	W	X
						min.	max.												
203	1/2	1.1	1	5	1-13/64	3-1/4	4-1/16	3/8	27/32	15/32	2-9/64	31/32	1-1/16	23/64	41/64	2-1/4	4-1/2	3/8	1/8
	5/8	1.0																	
	17mm	0.4	25.4	127.0	30.6	82.6	103.2	M10	21.4	11.9	54.4	24.6	27.0	9.1	16.3	57.2	114.3	9.5	3.2
203 (SCU)	1/2	1.2	1	5	1-13/64	3-1/4	4-1/16	3/8	27/32	19/32	2-17/64	31/32	1-3/16	23/64	41/64	2-1/4	4-1/2	3/8	1/8
	5/8	1.0																	
	17mm	0.4	25.4	127.0	30.6	82.6	103.2	M10	21.4	15.1	57.5	24.6	30.2	9.1	16.3	57.2	114.3	9.5	3.2
204	1/2	1.6	1-5/32	5-1/4	1-21/64	3-3/8	4-3/16	3/8	27/32	33/64	2-9/16	1-1/8	1-5/16	27/64	47/64	2-1/4	4-1/2	1/2	1/8
	5/8	1.5																	
	3/4	1.4																	
205	20mm	0.7	29.4	133.4	33.7	85.7	106.4	M10	21.4	13.1	65.1	28.6	33.3	10.7	18.7	57.2	114.3	12.7	3.2
	7/8	1.8	1-3/16	5-1/2	1-13/32	3-11/16	4-1/2	3/8	27/32	37/64	2-25/32	1-5/16	1-7/16	27/64	49/64	2-1/2	5	1/2	3/16
	15/16	1.7																	
206	1	1.6																	
	25mm	0.7	30.2	139.7	35.7	93.7	114.3	M10	21.4	14.7	70.6	33.3	36.5	10.7	19.4	63.5	127.0	12.7	4.8
	1-1/16	2.8	1-25/64	6-1/4	1-47/64	4-1/4	5	1/2	15/16	11/16	3-1/4	1-37/64	1-5/8	31/64	29/32	2-7/8	5-3/4	9/16	3/16
206 (SCU)	1-1/8	2.7																	
	1-3/16	2.6																	
	1-1/4	2.5																	
207	30mm	1.1	35.3	158.8	44.1	108.0	127.0	M12	23.8	17.5	82.6	40.1	41.3	12.3	23.0	73.0	146.1	14.3	4.8
	1-1/16	2.9	1-25/64	6-1/4	1-47/64	4-1/4	5.00	1/2	15/16	3/4	3-5/16	1-37/64	1-11/16	31/64	29/32	2-7/8	5-3/4	9/16	3/16
	1-1/8	2.8																	
207	1-3/16	2.7																	
	1-1/4	2.6																	
	30mm	1.1	35.3	158.8	44.1	108.0	127.0	M12	23.8	19.1	84.1	40.1	42.9	12.3	23.0	73.0	146.1	14.3	4.8
207	1-1/4	4.5	1-17/32	6-1/2	1-47/64	4-11/16	5-7/16	1/2	15/16	45/64	3-3/4	1-27/32	1-7/8	1/2	1-1/32	2-29/32	5-13/16	9/16	3/16
	1-5/16	4.4																	
	1-3/8	4.3																	
207	1-7/16	4.2																	
	35mm	1.5	38.9	165.1	44.1	119.1	138.1	M12	23.8	17.9	95.3	46.8	47.6	12.7	26.2	73.8	147.6	14.3	4.8

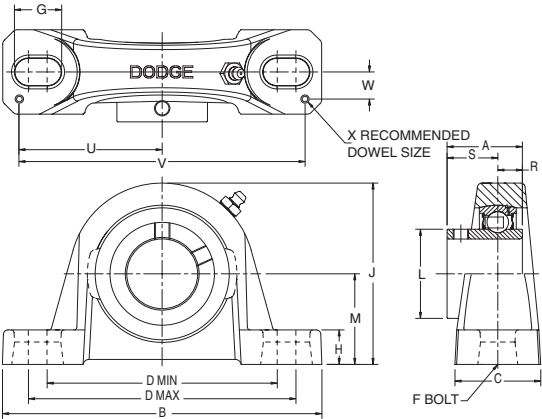
FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SCAH AND SCUAH AIR HANDLING NORMAL DUTY PILLOW BLOCK

Lube Fitting
203 series - 1/4-28 tapered thread
204 series and larger - 1/8-27 NPT



Series	Shaft Size	Part No.	Description
208	1-1/2	123909	P2B-SCAH-108
	1-5/8	056750	P2B-SCAH-110
	40mm	@	P2B-SCAH-40M
209	1-5/8	@	P2B-SCAH-110L
	1-11/16	123910	P2B-SCAH-111
	1-3/4	123911	P2B-SCAH-112
	45mm	052413	P2B-SCAH-45M
210	1-15/16	123912	P2B-SCAH-115
	2	@	P2B-SCAH-200
	50mm	052414	P2B-SCAH-50M
211	2	126847	P2B-SCMAH-200
	2-3/16	123913	P2B-SCAH-203
	2-1/4	@	P2B-SCAH-204
	55mm	@	P2B-SCAH-55M
212	2-1/4	@	P2B-SCMAH-204
	2-7/16	123914	P2B-SCAH-207
	60mm	054009	P2B-SCAH-60M
214	2-1/2	@	P2B-SCMAH-204
	2-11/16	124872	P2B-SCAH-211
	70mm	@	P2B-SCAH-70M
215	2-15/16	123915	P2B-SCAH-215
	75mm	@	P2B-SCAH-75M
215 (SCU)	2-15/16	@	P2B-SCUAH-215
	75mm	@	P2B-SCUAH-75M

© Assembled to order

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings

SCAH AND SCUAH AIR HANDLING NORMAL DUTY PILLOW BLOCK

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs kgs	A	B	C	D		F Bolt Dia.	G	H	J	L	M	R	S	U	V	W	X
						min.	max.												
208	1-1/2	5.4	1-11/16	7-1/4	1-15/16	5-3/16	5-7/8	1/2	29/32	15/16	4-3/16	2-3/64	2-1/8	19/32	1-3/32	3-17/64	6-17/32	11/16	3/16
	1-5/8	5.3																	
	40mm	2.2	42.9	184.2	49.2	131.8	149.2	M12	23.0	23.8	106.4	52.0	54.0	15.1	27.8	82.9	165.9	17.5	4.8
209	1-5/8	6.6	1-23/32	7-7/16	2	5-1/2	6-3/8	1-2	29/32	3/4	4-9/32	2-7/32	2-1/8	19/32	1-1/8	3-3/8	6-3/4	11/16	3/16
	1-11/16	6.4																	
	1-3/4	6.2																	
210	45mm	2.2	43.7	188.9	50.8	139.7	160.9	M12	23.0	19.1	108.7	56.4	54.0	15.1	28.6	85.7	171.5	17.5	4.8
	1-15/16	7.2	1-3/4	8-1/8	2-1/4	6	6-11/16	5/8	1-1/16	3/4	4-17/32	2-7/16	2-1/4	19/32	1-5/32	3-11/16	7-3/8	13/16	3/16
	2	7.0																	
211	50mm	2.6	44.5	206.4	57.2	152.40	169.9	M16	27.0	19.1	115.1	61.9	57.2	15.1	29.4	93.7	187.3	20.6	4.8
	2	9.0	1-27/32	8-7/8	2-5/16	6-3/8	7-7/16	5/8	1-7/32	7/8	4-31/32	2-23/32	2-1/2	5/8	1-7/32	3-15/16	7-7/8	13/16	3/16
	2-3/16	8.9																	
212	2-1/4	8.8																	
	55mm	3.3	46.8	225.4	58.7	161.9	188.9	M16	31.0	22.2	126.2	69.1	63.5	15.9	31.0	100.0	200.0	20.6	4.8
	2-1/4	10.8	1-63/64	9-1/2	2-3/8	6-7/8	7-15/16	5/8	1-7/32	7/8	5-13/32	2-31/32	2-3/4	43/64	1-5/16	4-1/4	8-1/2	7/8	3/16
214	2-7/16	10.2																	
	60mm	4.2	50.4	241.3	60.3	174.6	201.6	M16	31.0	22.2	137.3	75.4	69.9	17.1	33.3	108.0	215.9	22.2	4.8
	2-1/2	15.5	2-15/64	10-3/4	2-11/16	7-1/2	8-1/2	3/4	1-5/16	15/16	6-3/32	3-5/16	3	51/64	1-7/16	4-7/8	9-3/4	15/16	3/16
215	2-11/16	15.0																	
	70mm	6.9	56.8	273.1	68.3	190.5	215.9	M18	33.3	23.8	154.8	84.1	76.2	20.2	36.5	123.8	247.7	23.8	4.8
	2-15/16	20.5	2-9/32	11-3/4	2-7/8	8-1/2	9-1/2	7/8	1-7/16	1	6-3/4	3-5/8	3-1/2	13/16	1-15/32	5-31/64	10-31/32	1-3/64	3/16
215 (SCU)	75mm	7.9	57.9	298.5	73.0	215.9	241.3	M22	36.5	25.4	171.5	92.1	88.9	20.6	37.3	139.3	278.6	26.6	4.8
	2-15/16	20.7	2-9/32	11-3/4	2-7/8	8-1/2	9-1/2	7/8	1-7/16	1	6-1/2	3-5/8	3-1/4	13/16	1-15/32	5-31/64	10-31/32	1-3/64	3/16
	75mm	8.0	57.9	298.5	73.0	215.9	241.3	M22	36.5	25.4	165.1	92.1	82.6	20.6	37.3	139.3	278.6	26.6	4.8

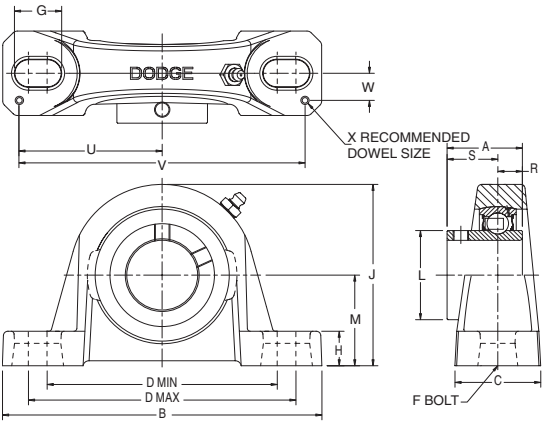
FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SCB NORMAL DUTY PILLOW BLOCKS

Lube Fitting
203 series - 1/4-28 tapered thread
204 series and larger - 1/8-27 NPT



Series	Shaft Size	Part No.	Description
203 (SC)	1/2	123830	P2B-SC-008
	5/8	123831	P2B-SC-010
	17mm	053170	<i>P2B-SC-17M</i>
204	1/2	123854	P2B-SCB-008L
	5/8	123855	P2B-SCB-010L
	3/4	123860	P2B-SCB-012
	20mm	@	<i>P2B-SCB-20M</i>
205	7/8	123861	P2B-SCB-014
	15/16	123862	P2B-SCB-015
	1	123863	P2B-SCB-100
	25mm	125768	<i>P2B-SCB-25M</i>
206	1-1/16	123856	P2B-SCB-101
	1-1/8	123864	P2B-SCB-102
	1-3/16	123865	P2B-SCB-103
	1-1/4	123171	P2B-SCB-104S
	30mm	125760	<i>P2B-SCB-30M</i>
207	1-1/4	123866	P2B-SCB-104
	1-5/16	123857	P2B-SCB-105
	1-3/8	123867	P2B-SCB-106
	1-7/16	123868	P2B-SCB-107
	35mm	124944	<i>P2B-SCB-35M</i>

@ Assembled to order.

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SCB NORMAL DUTY PILLOW BLOCKS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lb. kg	A	B	C	D		F Bolt Dia.	G	H	J	L	M	R	S	U	V	W	X
						Min.	Max.												
203 (SC)	1/2	1.1	1	5	1-31/64	3-1/4	4-1/16	3/8	27/32	2-9/64	2-9/64	31/32	1-1/16	23/64	41/64	2-1/4	4-1/2	3/8	1/8
	5/8	1.0																	
	17mm	0.4	25.4	127.0	30.6	82.6	103.2	M10	21.4	11.4	54.4	24.6	27.0	9.1	16.3	57.2	114.3	9.5	3.2
204	1/2	1.6	1-5/32	5-1/4	1-21/64	3-3/8	4-3/16	3/8	27/32	29/64	2-1/2	1-1/8	1-1/4	27/64	47/64	2-1/4	4-1/2	1/2	1/8
	5/8	1.5																	
	3/4	1.4																	
205	20mm	0.7	29.4	133.4	33.7	85.7	106.4	M10	21.4	11.5	63.5	28.6	31.8	10.7	18.7	57.2	114.3	12.7	3.2
	7/8	1.8	1-3/16	5-1/2	1-13/32	3-11/16	4-1/2	3/8	27/32	29/64	2-21/32	1-5/16	1-5/16	27/64	49/64	2-1/2	5	1/2	3/16
	15/16	1.7																	
206	1	1.6																	
	25mm	0.7	30.2	139.7	35.7	93.7	114.3	M10	21.4	11.5	67.5	33.3	33.3	10.7	19.4	63.5	127.0	12.7	4.8
	1-1/16	2.8	1-25/64	6-1/4	1-47/64	4-1/4	5	1/2	15/16	5/8	3-3/16	1-37/64	1-9/16	31/64	29/32	2-7/8	5-3/4	9/16	3/16
207	1-1/8	2.7																	
	1-3/16	2.6																	
	1-1/4	2.5																	
207	30mm	1.1	35.3	158.8	44.1	108.0	127.0	M12	23.8	15.9	81.0	40.1	39.7	12.3	23.0	73.0	146.1	14.3	4.8
	1-1/4	4.5	1-17/32	6-1/2	1-47/64	4-11/16	5-7/16	1/2	15/16	41/64	3-11/16	1-27/32	1-13/16	1/2	1-1/32	2-29/32	5-13/16	9/16	3/16
	1-5/16	4.4																	
207	1-3/8	4.3																	
	1-7/16	4.2																	
	35mm	1.5	38.9	165.1	44.1	119.1	138.1	M12	23.8	16.3	93.7	46.8	46.0	12.7	26.2	73.8	147.6	14.3	4.8

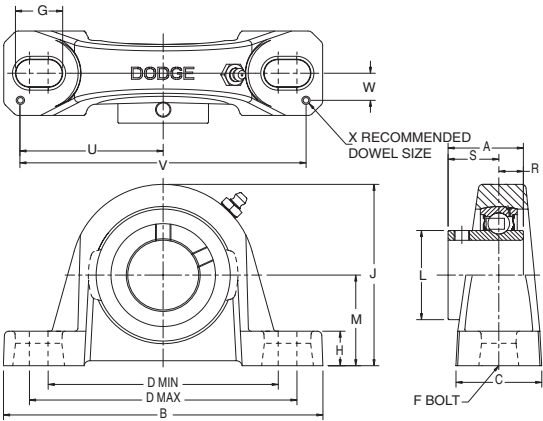
FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SCB NORMAL DUTY PILLOW BLOCKS

Lube Fitting
203 series - 1/4-28 tapered thread
204 series and larger - 1/8-27 NPT



Series	Shaft Size	Part No.	Description
208	1-1/2	123869	P2B-SCB-108
	1-5/8	123858	P2B-SCB-110
	40mm	125856	P2B-SCB-40M
209	1-5/8	@	P2B-SCB-110L
	1-11/16	123870	P2B-SCB-111
	1-3/4	123871	P2B-SCB-112
	45mm	051878	P2B-SCB-45M
210	1-15/16	123872	P2B-SCB-115
	2	123873	P2B-SCB-200
	50mm	051879	P2B-SCB-50M
211	2	057603	P2B-SCB-200L
	2-3/16	123874	P2B-SCB-203
	2-1/4	123589	P2B-SCB-204
	55mm	124943	P2B-SCB-55M
212	2-1/4	@	P2B-SCB-204L
	2-7/16	123875	P2B-SCB-207
	60mm	051880	P2B-SCB-60M
215	2-15/16	123727	P2B-SCB-215
	75mm	@	P2B-SCB-75M

@ Assembled to order.

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SCB NORMAL DUTY PILLOW BLOCKS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs kgs	A	B	C	D		F Bolt Dia.	G	H	J	L	M	R	S	U	V	W	X
						Min.	Max.												
208	1-1/2	5.4	1-11/16	7-1/4	1-15/16	5-3/16	5-7/8	1/2	29/32	3/4	4	2-3/64	1-15/16	19/32	1-3/32	3-17/64	6-17/32	11/16	3/16
	1-5/8	5.3																	
	40mm	2.2	42.9	184.2	49.2	131.8	149.2	M12	23.0	19.1	101.6	52.0	49.2	15.1	27.8	82.9	165.9	17.5	4.8
209	1-5/8	6.6	1-23/32	7-7/16	2	5-1/2	6-3/8	1/2	29/32	11/16	4-7/32	2-7/32	2-1/16	19/32	1-1/8	3-3/8	6-3/4	11/16	3/16
	1-11/16	6.4																	
	1-3/4	6.2																	
	45mm	2.2	43.7	188.9	50.8	139.7	161.9	M12	23.0	17.5	107.2	56.4	52.4	15.1	28.6	85.7	171.5	17.5	4.8
210	1-15/16	7.2	1-3/4	8-1/8	2-1/4	6	6-11/16	5/8	1-1/64	11/16	4-15/32	2-7/16	2-3/16	19/32	1-5/32	3-11/16	7-3/8	13/16	3/16
	2	7.0																	
	50mm	2.6	44.5	206.4	57.2	152.4	169.9	M16	25.8	17.5	113.5	61.9	55.6	15.1	29.4	93.7	187.3	20.6	4.8
211	2	9.0	1-27/32	8-7/8	2-5/16	6-3/8	7-7/16	5/8	1-7/32	13/16	4-29/32	2-23/32	2-7/16	5/8	1-7/32	3-15/16	7-7/8	13/16	3/16
	2-3/16	8.9																	
	2-1/4	8.8																	
	55mm	3.3	46.8	225.4	58.7	161.9	188.9	M16	31.0	20.6	124.6	69.1	61.9	15.9	31.0	100.0	200.0	20.6	4.8
212	2-1/4	10.8	1-63/64	9-1/2	2-3/8	6-7/8	7-15/16	5/8	1-7/32	13/16	5-11/32	2-31/32	2-11/16	43/64	1-5/16	4-1/4	8-1/2	7/8	3/16
	2-7/16	10.2																	
	60mm	4.2	50.4	241.3	60.3	174.6	201.6	M16	31.0	20.6	135.7	75.4	68.3	17.1	33.3	108.0	215.9	22.2	4.8
215	2-15/16	20.5	2-9/32	11-3/4	2-7/8	8-1/2	9-1/2	7/8	1-7/16	1-1/16	6-9/16	3-5/8	3-5/16	13/16	1-15/32	5-31/64	10-31/32	1-3/64	3/16
	75mm	7.9	57.9	298.5	73.0	215.9	241.3	M22	36.5	27.0	166.7	92.1	84.1	20.6	37.3	139.3	278.6	26.6	4.8

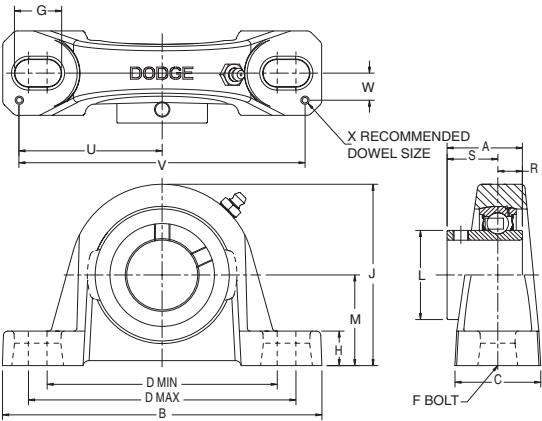
FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SCBAH AIR HANDLING NORMAL DUTY PILLOW BLOCKS

Lube Fitting
203 series - 1/4-28 tapered thread
204 series and larger - 1/8-27 NPT



Series	Shaft Size	Part No.	Description
203	1/2	123725	P2B-SCAH-008
	5/8	123958	P2B-SCAH-010
	17mm	@	P2B-SCAH-17M
204	1/2	@	P2B-SCBAH-008L
	5/8	@	P2B-SCBAH-010L
	3/4	123959	P2B-SCBAH-012
	20mm	@	P2B-SCBAH-20M
205	7/8	@	P2B-SCBAH-014
	15/16	@	P2B-SCBAH-015
	1	123960	P2B-SCBAH-100
	25mm	@	P2B-SCBAH-25M
206	1-1/16	@	P2B-SCBAH-101
	1-1/8	@	P2B-SCBAH-102
	1-3/16	123961	P2B-SCBAH-103
	1-1/4	123962	P2B-SCBAH-104S
	30mm	@	P2B-SCBAH-30M
207	1-1/4	123963	P2B-SCBAH-104
	1-5/16	@	P2B-SCBAH-105
	1-3/8	@	P2B-SCBAH-106
	1-7/16	123918	P2B-SCBAH-107
	35mm	@	P2B-SCBAH-35M

@ Assembled to order

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings

SCBAH AIR HANDLING NORMAL DUTY PILLOW BLOCKS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs kgs	A	B	C	D		F Bolt Dia.	G	H	J	L	M	R	S	U	V	W	X
						min.	max.												
203	1/2	1.1	1	5	1-31/64	3-1/4	4-1/16	3/8	27/32	2-9/64	2-9/64	31/32	1-1/16	23/64	41/64	2-1/4	4-1/2	3/8	1/8
	5/8	1.0																	
	17mm	0.4	25.4	127.0	30.6	82.6	103.2	M10	21.4	11.4	54.4	24.6	27.0	9.1	16.3	57.2	114.3	9.5	3.2
204	1/2	1.6	1-5/32	5-1/4	1-21/64	3-3/8	4-3/16	3/8	27/32	29/64	2-1/2	1-1/8	1-1/4	27/64	47/64	2-1/4	4-1/2	1/2	1/8
	5/8	1.5																	
	3/4	1.4																	
	20mm	0.7	29.4	133.4	33.7	85.7	106.4	M10	21.4	11.5	63.5	28.6	31.8	10.7	18.7	57.2	114.3	12.7	3.2
205	7/8	1.8	1-3/16	5-1/2	1-13/32	3-11/16	4-1/2	3/8	27/32	29/64	2-21/32	1-5/16	1-5/16	27/64	49/64	2-1/2	5	1/2	3/16
	15/16	1.7																	
	1	1.6																	
	25mm	0.7	30.2	139.7	35.7	93.7	114.3	M10	21.4	11.5	67.5	33.3	33.3	10.7	19.4	63.5	127.0	12.7	4.8
206	1-1/16	2.8	1-25/64	6-1/4	1-47/64	4-1/4	5	1/2	15/16	5/8	3-3/16	1-37/64	1-9/16	31/64	29/32	2-7/8	5-3/4	9/16	3/16
	1-1/8	2.7																	
	1-3/16	2.6																	
	1-1/4	2.5																	
	30mm	1.1	35.3	158.8	44.1	108.0	127.0	M12	23.8	15.9	81.0	40.1	39.7	12.3	23.0	73.0	146.1	14.3	4.8
207	1-1/4	4.5	1-17/32	6-1/2	1-47/64	4-11/16	5-7/16	1/2	15/16	41/64	3-11/16	1-27/32	1-13/16	1/2	1-1/32	2-29/32	5-13/16	9/16	3/16
	1-5/16	4.4																	
	1-3/8	4.3																	
	1-7/16	4.2																	
	35mm	1.5	38.9	165.1	44.1	119.1	138.1	M12	23.8	16.3	93.7	46.8	46.0	12.7	26.2	73.8	147.6	14.3	4.8

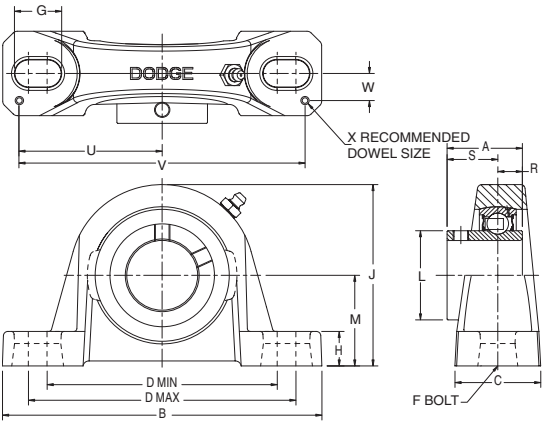
FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SCBAH AIR HANDLING NORMAL DUTY PILLOW BLOCKS

Lube Fitting
203 series - 1/4-28 tapered thread
204 series and larger - 1/8-27 NPT



Series	Shaft Size	Part No.	Description
208	1-1/2	123936	P2B-SCBAH-108
	1-5/8	@	P2B-SCBAH-110
	40mm	054727	P2B-SCBAH-40M
209	1-5/8	@	P2B-SCBAH-110L
	1-11/16	123964	P2B-SCBAH-111
	1-3/4	@	P2B-SCBAH-112
	45mm	@	P2B-SCBAH-45M
210	1-15/16	123938	P2B-SCBAH-115
	2	123693	P2B-SCBAH-200
	50mm	@	P2B-SCBAH-50M
211	2	@	P2B-SCBAH-200L
	2-3/16	123965	P2B-SCBAH-203
	2-1/4	@	P2B-SCBAH-204
	55mm	@	P2B-SCBAH-55M
212	2-1/4	@	P2B-SCBAH-204L
	2-7/16	123966	P2B-SCBAH-207
	60mm	@	P2B-SCBAH-60M
215	2-15/16	@	P2B-SCBAH-215
	75mm	@	P2B-SCBAH-75M

@ Assembled to order

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SCBAH AIR HANDLING NORMAL DUTY PILLOW BLOCKS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs kgs	A	B	C	D		F Bolt Dia.	G	H	J	L	M	R	S	U	V	W	X
						min.	max.												
208	1-1/2	5.4	1-11/16	7-1/4	1-15/16	5-3/16	5-7/8	1/2	29/32	3/4	4	2-3/64	1-15/16	19/32	1-3/32	3-17/64	6-17/32	11/16	3/16
	1-5/8	5.3																	
	40mm	2.2	42.9	184.2	49.2	131.8	149.2	M12	23.0	19.1	101.6	52.0	49.2	15.1	27.8	82.9	165.9	17.5	4.8
209	1-5/8	6.5	1-23/32	7-7/16	2	5-1/2	6-3/8	1/2	29/32	11/16	4-7/32	2-7/32	2-1/16	19/32	1-1/8	3-3/8	6-3/4	11/16	3/16
	1-11/16	6.4																	
	1-3/4	6.2																	
	45mm	2.2	43.7	188.9	50.8	139.7	161.9	M12	23.0	17.5	107.2	56.4	52.4	15.1	28.6	85.7	171.5	17.5	4.8
210	1-15/16	7.2	1-3/4	8-1/8	2-1/4	6	6-11/16	5/8	1-1/64	11/16	4-15/32	2-7/16	2-3/16	19/32	1-5/32	3-11/16	7-3/8	13/16	3/16
	2	7.0																	
	50mm	2.6	44.5	206.4	57.2	152.4	169.9	M16	25.8	17.5	113.5	61.9	55.6	15.1	29.4	93.7	187.3	20.6	4.8
211	2	9.0	1-27/32	8-7/8	2-5/16	6-3/8	7-7/16	5/8	1-7/32	13/16	4-29/32	2-23/32	2-7/16	5/8	1-7/32	3-15/16	7-7/8	13/16	3/16
	2-3/16	8.9																	
	2-1/4	8.8																	
	55mm	3.3	4.68	225.4	58.7	161.9	188.9	M16	31.0	20.6	124.6	69.1	61.9	15.9	31.0	100.0	200.0	20.6	4.8
212	2-1/4	10.8	1-63/64	9-1/2	2-3/8	6-7/8	7-15/16	5/8	1-7/32	13/16	5-11/32	2-31/32	2-11/16	43/64	1-5/16	4-1/4	8-1/2	7/8	3/16
	2-7/16	10.2																	
	60mm	4.2	50.4	241.3	60.3	174.6	201.6	M16	31.0	20.6	135.7	75.4	68.3	17.1	33.3	108.0	215.9	22.2	4.8
215	2-15/16	20.5	2-9/32	11-3/4	2-7/8	8-1/2	9-1/2	7/8	1-7/16	1-1/16	6-9/16	3-5/8	3-5/16	13/16	1-15/32	5-31/64	10-31/32	1-3/64	3/16
	75mm	7.9	57.9	298.5	73.0	215.9	241.3	M12	36.5	27.0	166.7	92.1	84.1	20.6	37.3	139.3	278.6	26.6	4.8

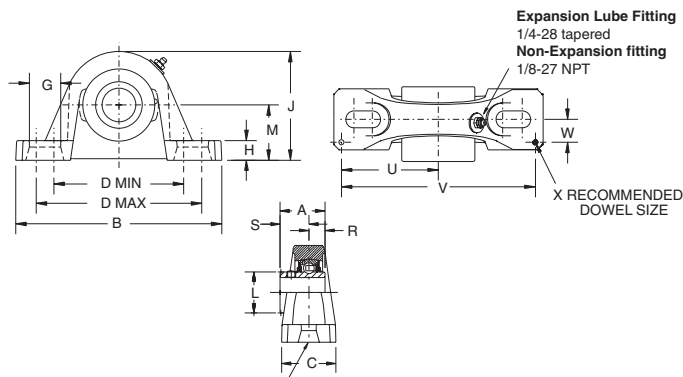
FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings

SCH-E EXPANSION AND SCH NON-EXPANSION NORMAL DUTY PILLOW BLOCKS



Series	Shaft Size	Expansion		Non-Expansion		Alternative	
		Part No.	Description	Part No.	Description	Part No.	Non-Exp. Description
205	1 25mm	064637 @	P2B-SCH-100-E P2B-SCH-25M-E	# #	P2B-SCH-100 P2B-SCH-25M	126147 125925	P2B-SCM-100 P2B-SCM-25M
206	1	049692	P2B-SCMH-100-E	@	P2B-SCMH-100	---	---
	1-1/16	@	P2B-SCH-101-E	@	P2B-SCH-101	---	---
	1-1/8	@	P2B-SCH-102-E	@	P2B-SCH-102	---	---
	1-3/16	126405	P2B-SCH-103-E	126400	P2B-SCH-103	126148	P2B-SCM-103
	1-1/4	053183	P2B-SCH-104S-E	053184	P2B-SCH-104S	123810	P2B-SC-104
	25mm	053019	P2B-SCMH-25M-E	053018	P2B-SCMH-25M	---	---
207	30mm	053021	P2B-SCH-30M-E	053020	P2B-SCH-30M	125296	P2B-SCM-30M
	1-1/4	@	P2B-SCH-104-E	@	P2B-SCH-104	---	---
	1-5/16	@	P2B-SCH-105-E	@	P2B-SCH-105	---	---
	1-3/8	@	P2B-SCH-106-E	@	P2B-SCH-106	---	---
	1-7/16	126406	P2B-SCH-107-E	126401	P2B-SCH-107	126810	P2B-SCM-107
	35mm	@	P2B-SCH-35M-E	@	P2B-SCH-35M	125927	P2B-SCM-35M
209	1-1/2	@	P2B-SCMH-108-E	#	P2B-SCMH-108	---	---
	1-5/8	@	P2B-SCH-110L-E	#	P2B-SCH-110L	---	---
	1-11/16	057414	P2B-SCH-111-E	#	P2B-SCH-111	126812	P2B-SCM-111
	1-3/4	@	P2B-SCH-112-E	#	P2B-SCH-112	126813	P2B-SCM-112
	45mm	056481	P2B-SCH-45M-E	#	P2B-SCH-45M	125929	P2B-SCM-45M
	1-11/16	@	P2B-SCMH-111-E	@	P2B-SCMH-111	---	---
210	1-3/4	@	P2B-SCMH-112-E	@	P2B-SCMH-112	---	---
	1-15/16	126407	P2B-SCH-115-E	126402	P2B-SCH-115	126814	P2B-SCM-115
	2	052224	P2B-SCH-200-E	@	P2B-SCH-200	126875	P2B-SCM-200
	45mm	053023	P2B-SCMH-45M-E	053022	P2B-SCMH-45M	---	---
	50mm	@	P2B-SCH-50M-E	@	P2B-SCH-50M	125930	P2B-SCM-50M
	1-15/16	052193	P2B-SCMH-115-E	052192	P2B-SCMH-115	---	---
211	2	@	P2B-SCMH-200-E	@	P2B-SCMH-200	---	---
	2-3/16	126408	P2B-SCH-203-E	126403	P2B-SCH-203	126816	P2B-SCM-203
	2-1/4	@	P2B-SCH-204-E	@	P2B-SCH-204	126817	P2B-SCM-204
	55mm	053025	P2B-SCH-55M-E	053024	P2B-SCH-55M	125931	P2B-SCM-55M
212	2-3/16	056879	P2B-SCMH-203-E	056886	P2B-SCMH-203	---	---
	2-1/4	056887	P2B-SCMH-204-E	056883	P2B-SCMH-204	---	---
	2-7/16	126409	P2B-SCH-207-E	126404	P2B-SCH-207	126818	P2B-SCM-207
	60mm	@	P2B-SCH-60M-E	@	P2B-SCH-60M	---	---

@Assembled to order

Made to order. Minimum quantity may be required.

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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Setscrew Ball Bearings

SCH-E EXPANSION AND SCH NON-EXPANSION NORMAL DUTY PILLOW BLOCKS

Series	Shaft Size	Weight lbs kgs	A	B	C	D		F Bolt	G	H	J
						Min.	Max.				
205	1 25mm	3.0 1.3	1-3/16 30.2	6-1/4 158.6	1-3/4 44.5	4-1/4 108.0	5 127.0	3/8 M10	15/16 23.8	3/4 19.1	3-15/16 100.0
206	1	5.0	1-25/64	6-9/16	1-7/8	4-11/16	5-5/16	1/2	7/8	11/16	3-13/16
	1-1/16	4.8									
	1-1/8	4.7									
	1-3/16	4.6									
	1-1/4	4.5									
207	25mm	2.0									
	30mm	1.9	35.3	166.7	47.6	119.1	134.9	M12	22.2	17.5	96.8
	1-1/4	6.7	1-17/32	7-1/4	2-1/8	5-1/4	5-7/8	1/2	7/8	11/16	3-15/16
	1-5/16	6.6									
	1-3/8	6.5									
209	1-7/16	6.4									
	35mm	2.7	38.9	184.2	54.0	133.4	149.2	M12	22.2	17.5	100.0
	1-1/2	6.6	1-23/32	8-1/8	2-3/8	6	6-1/2	5/8	15/16	3/4	4-9/16
	1-5/8	6.4									
	1-11/16	6.3									
210	1-3/4	6.2									
	45mm	2.6	43.7	206.4	60.3	152.4	165.1	M12	23.8	19.1	115.9
	1-11/16	10.0	1-3/4	8-5/8	2-3/8	6-3/8	7-1/4	5/8	1-1/8	13/16	5-1/16
	1-3/4	9.9									
	1-15/16	9.8									
211	2	9.7									
	45mm	4.2									
	50mm	4.0	44.5	219.1	60.3	161.9	184.2	M16	28.6	20.6	128.6
	1-15/16	14.7	1-27/32	9-1/2	2-3/4	6-7/8	7-7/8	5/8	1-3/16	1	5-5/8
	2	14.5									
212	2-3/16	14.3									
	2-1/4	14.2									
	55mm	5.9	46.8	241.3	69.9	174.6	200.0	M18	30.2	25.4	142.9
	2-1/4	17.1	2-9/32	11-1/4	2-7/8	7-1/2	8-7/8	3/4	1-1/2	1-1/16	6-1/4
	2-7/16	16.6									
	60mm	6.8	57.9	285.8	73.0	190.5	225.4	M16	38.1	27.0	158.8

Series	Shaft Size	L	M	R	S	T	U	V	W	X
205	1 25mm	1-5/16 33.3	1-11/16 42.9	27/64 10.7	49/64 19.4	5/32 4.0	1-7/16 36.5	2-7/8 73.0	9/16 14.3	3/16 4.8
206	1	1-37/64	1-7/8	31/64	29/32	3/16	2-29/32	5-13/16	9/16	3/16
	1-1/16									
	1-1/8									
	1-3/16									
	1-1/4									
207	25mm									
	30mm	40.1	47.6	12.3	23.0	4.8	73.8	147.6	14.3	4.8
	1-1/4	1-27/32	2-1/8	1/2	1-1/32	3/16	3-17/64	6-17/32	11/16	3/16
	1-5/16									
	1-3/8									
209	1-7/16	46.8	54.0	12.7	26.2	4.8	82.9	165.9	17.5	4.8
	35mm									
	1-1/2	2-7/32	2-1/4	19/32	1-1/8	1/4	3-11/16	7-3/8	13/16	3/16
	1-5/8									
	1-11/16									
210	1-3/4	56.4	57.2	15.1	28.6	6.4	93.7	187.3	20.6	4.8
	45mm									
	1-11/16	2-7/16	2-1/2	19/32	1-5/32	1/4	3-15/16	7-7/8	13/16	3/16
	1-3/4									
	1-15/16									
211	2									
	45mm	61.9	63.5	15.1	29.4	6.4	100.0	200.0	20.6	4.8
	50mm									
	1-15/16	2-23/32	2-3/4	5/8	1-7/32	1/4	4-1/4	8-1/2	7/8	3/16
	2									
212	2-3/16									
	2-1/4	69.1	69.9	15.9	31.0	6.4	108.0	215.9	22.2	4.8
	55mm									
	2-3/16	2-31/32	3	43/64	1-5/16	1/4	4-7/8	9-3/4	15/16	3/16
	2-1/4									
	2-7/16	75.4	76.2	17.1	33.3	6.4	123.8	247.7	23.8	4.8
	60mm									

FEATURES/BENEFITS
PAGE B3-2

NOMENCLATURE
PAGE B3-6

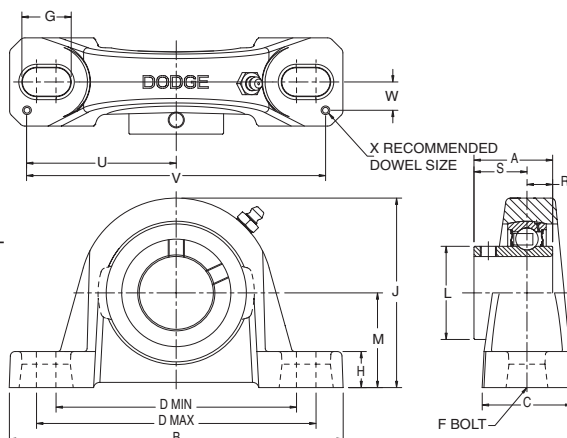
SELECTION
PAGE B3-6

MODIFICATION/ACCESSORIES
PAGE B3-132

SELECTION/DIMENSIONS



Setscrew Ball Bearings SCM MEDIUM DUTY PILLOW BLOCKS



Lube Fitting

203 series - 1/4-28 tapered thread
204 series and larger - 1/8-27 NPT

Series	Shaft Size	Standard		No-Lube/Sealed for Life (-NL)		With Flingers	
		Part No.	Description	Part No.	Description	Part No.	Description
206	1 25mm	126147	P2B-SCM-100	058624	P2B-SCM-100-NL	@	P2B-SCM-100-FF
		125925	P2B-SCM-25M	@	P2B-SCM-25M-NL	@	P2B-SCM-25M-FF
207	1-3/16	126148	P2B-SCM-103	052275	P2B-SCM-103-NL	@	P2B-SCM-103-FF
	1-1/4	123810	P2B-SC-104	123933	P2B-SC-104-NL	123097	P2B-SC-104-FF
	30mm	125926	P2B-SCM-30M	@	P2B-SCM-30M-NL	@	P2B-SCM-30M-FF
208	1-7/16	126810	P2B-SCM-107	126855	P2B-SCM-107-NL	057275	P2B-SCM-107-FF
	35mm	125937	P2B-SCM-35M	@	P2B-SCM-35M-NL	@	P2B-SCM-35M-FF
209	1-1/2	126811	P2B-SCM-108	058400	P2B-SCM-108-NL	050808	P2B-SCM-108-FF
	1-5/8	125169	P2B-SC-110L	@	P2B-SC-110L-NL	@	P2B-SC-110L-FF
	40mm	125928	P2B-SCM-40M	@	P2B-SCM-40M-NL	@	P2B-SCM-40M-FF
210	1-11/16	126812	P2B-SCM-111	@	P2B-SCM-111-NL	@	P2B-SCM-111-FF
	1-3/4	126813	P2B-SCM-112	@	P2B-SCM-112-NL	051981	P2B-SCM-112-FF
	45mm	125929	P2B-SCM-45M	@	P2B-SC-M45M-NL	@	P2B-SCM-45M-FF
211	1-15/16	126814	P2B-SCM-115	126856	P2B-SCM-115-NL	126802	P2B-SCM-115-FF
	2	126815	P2B-SCM-200	126547	P2B-SCM-200-NL	054561	P2B-SCM-200-FF
	50mm	125930	P2B-SCM-50M	@	P2B-SCM-50M-NL	@	P2B-SCM-50M-FF
212	2-3/16	126816	P2B-SCM-203	052005	P2B-SCM-203-NL	126858	P2B-SCM-203-FF
	2-1/4	126817	P2B-SCM-204	@	P2B-SCM-204-NL	@	P2B-SCM-204-FF
	55mm	125931	P2B-SCM-55M	@	P2B-SCM-55M-NL	@	P2B-SCM-55M-FF
214	2-7/16	126818	P2B-SCM-207	126857	P2B-SCM-207-NL	126859	P2B-SCM-207-FF
	2-1/2	126819	P2B-SCM-208	@	P2B-SCM-208-NL	@	P2B-SCM-208-FF
	65mm	125932	P2B-SCM-65M	@	P2B-SCM-65M-NL	052816	P2B-SCM-65M-FF
215	2-11/16	126820	P2B-SCM-211	126533	P2B-SCM-211-NL	@	P2B-SCM-211-FF
	70mm	125933	P2B-SCM-70M	@	P2B-SC-70M-NL	@	P2B-SCM-70M-FF
216	2-15/16	126821	P2B-SCM-215	126534	P2B-SCM-215-NL	050185	P2B-SCM-215-FF
	3	126822	P2B-SCM-300	126535	P2B-SCM-300-NL	054459	P2B-SCM-300-FF
	75mm	125934	P2B-SCM-75M	@	P2B-SCM-75M-NL	054435	P2B-SCM-75M-FF
218	3-7/16	126823	P2B-SCM-307	@	P2B-SCM-307-NL	126792	P2B-SCM-307-FF
	3-1/2	126824	P2B-SCM-308	@	P2B-SCM-308-NL	@	P2B-SCM-308-FF
	85mm	125935	PWB-SCM-85M	@	PWB-SCM-85M-NL	@	PWB-SCM-85M-FF

@ Assembled to order

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SCM MEDIUM DUTY PILLOW BLOCKS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs. kgs.	A	B	C	D		F Bolt Dia.	G	H	J	L	M	R	S	U	V	W	X
						Min.	Max.												
206	1	3.0	1-25/64	6-1/4	1-47/64	4-1/4	5	1/2	15/16	3/4	3-5/16	1-37/64	1-11/16	31/64	29/32	2-7/8	5-3/4	9/16	3/16
	25mm	1.3	35.3	158.8	44.1	108.0	127.0	M12	23.8	17.5	82.6	40.1	41.3	12.3	23.0	73.0	146.1	14.3	4.8
207	1-3/16	4.6	1-17/32	6-1/2	1-47/64	4-11/16	5-7/16	1/2	15/16	45/64	3-3/4	1-27/32	1-7/8	1/2	1-1/32	2-29/32	5-13/16	9/16	3/16
	1-1/4	4.2																	
	30mm	2.0	38.9	165.1	44.1	119.1	138.1	M12	23.8	17.9	95.3	46.8	47.6	12.7	26.2	73.8	147.6	14.3	4.8
208	1-7/16	5.4	1-11/16	7-1/4	1-15/16	5-3/16	5-7/8	1/2	29/32	15/16	4-3/16	2-3/64	2-1/8	19/32	1-3/32	3-17/64	6-17/32	11/16	3/16
	35mm	2.3	42.9	184.2	49.2	131.8	149.2	M12	23.0	23.8	106.4	52.0	54.0	15.1	27.8	82.9	165.9	17.5	4.8
209	1-1/2	6.4	1-23/32	7-7/16	2	5-1/2	6-3/8	1/2	29/32	3/4	4-9/32	2-7/32	2-1/8	19/32	1-1/8	3-3/8	6-3/4	11/16	3/16
	1-5/8	6.3																	
	40mm	2.7	43.7	188.9	50.8	139.7	161.9	M12	23.0	19.1	108.7	56.4	54.0	15.1	28.6	85.7	171.5	17.5	4.8
210	1-11/16	7.4	1-3/4	8-1/8	2-1/4	6	6-11/16	5/8	1-1/16	3/4	4-17/32	2-7/16	2-1/4	19/32	1-5/32	3-11/16	7-3/8	13/16	3/16
	1-3/4	7.3																	
	45mm	3.2	44.5	206.4	57.2	152.4	169.9	M16	22.0	19.1	115.1	61.9	57.2	15.1	29.4	93.7	187.3	20.6	4.8
211	1-15/16	9.2	1-27/32	8-7/8	2-5/16	6-3/8	7-7/16	5/8	1-7/32	7/8	4-31/32	2-23/32	2-1/2	5/8	1-7/32	3-15/16	7-7/8	13/16	3/16
	2	9.0																	
	50mm	3.9	46.8	225.4	58.7	161.9	188.9	M16	31.0	22.2	126.2	69.1	63.5	15.9	31.0	100.0	200.0	20.6	4.8
212	2-3/16	11.0	1-63/64	9-1/2	2-3/8	6-7/8	7-15/16	5/8	1-7/32	7/8	5-13/32	2-31/32	2-3/4	43/64	1-5/16	4-1/4	8-1/2	7/8	3/16
	2-1/4	10.8																	
	55mm	4.7	50.4	241.3	60.3	174.6	201.6	M16	31.0	22.2	137.3	75.4	69.9	17.1	33.3	108.0	215.9	22.2	4.8
214	2-7/16	15.7	2-15/64	10-3/4	2-11/16	7-1/2	8-1/2	3/4	1-5/16	15/16	6-3/32	3-5/16	3	51/64	1-7/16	4-7/8	9-3/4	15/16	3/16
	2-1/2	15.5																	
	65mm	6.7	56.8	273.1	68.3	190.5	215.9	M18	33.3	23.8	154.8	84.1	76.2	20.2	36.5	123.8	247.7	23.8	4.8
215	2-11/16	21.0	2-9/32	11-3/4	2-7/8	8-1/2	9-1/2	7/8	1-7/16	1	6-3/4	3-5/8	3-1/2	13/16	1-15/32	5-31/64	10-31/32	1-3/64	3/16
	70mm	9.0	57.9	298.5	73.0	215.9	241.3	M22	36.5	25.4	171.5	92.1	88.9	20.6	37.3	139.3	278.6	26.6	4.8
216	2-15/16	21.3	2-11/32	11-3/4	3	8-1/2	9-1/2	7/8	1-7/16	1-1/4	6-31/32	3-53/64	3-1/2	27/32	1-1/2	5-1/2	11	1-3/32	3/16
	3	21.1																	
	75mm	9.0	59.5	298.5	76.2	215.9	241.3	M22	36.5	31.8	177.0	97.2	88.9	21.4	38.1	139.7	279.4	27.8	4.8
218	3-7/16	31.8	2-31/64	14	3-3/8	10-5/16	11-5/8	7/8	1-19/32	1-5/16	8	4-23/64	4	59/64	1-9/16	6-9/16	13-1/8	1-3/16	3/16
	3-1/2	31.3																	
	85mm	13.6	63.1	355.6	85.7	261.9	295.3	M22	40.5	33.3	203.2	110.7	101.6	23.4	39.7	166.7	333.4	30.2	4.8

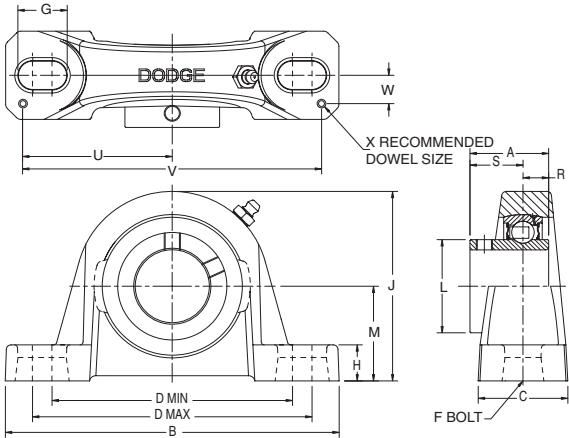
FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SCMAH AIR HANDLING MEDIUM DUTY PILLOW BLOCKS

Lube Fitting
203 series - 1/4-28 tapered thread
204 series and larger - 1/8-27 NPT



Series	Shaft Size	Part No.	Description
206	1 25mm	126110 @	P2B-SCMAH-100 P2B-SCMAH-25M
207	1-3/16 1-1/4 30mm	126112 123907 064756	P2B-SCMAH-103 P2B-SCAH-104 P2B-SCMAH-30M
208	1-7/16 35mm	126835 062304	P2B-SCMAH-107 P2B-SCMAH-35M
209	1-1/2 1-5/8 40mm	126836 @ 064136	P2B-SCMAH-108 P2B-SCAH-110L P2B-SCMAH-40M
210	1-11/16 1-3/4 45mm	126837 126838 062321	P2B-SCMAH-111 P2B-SCMAH-112 P2B-SCMAH-45M
211	1-15/16 2 50mm	126839 126847 056811	P2B-SCMAH-115 P2B-SCMAH-200 P2B-SCMAH-50M
212	2-3/16 2-1/4 55mm	126840 @ 049816	P2B-SCMAH-203 P2B-SCMAH-204 P2B-SCMAH-55M
214	2-7/16 2-1/2 65mm	126841 @ @	P2B-SCMAH-207 P2B-SCMAH-208 P2B-SCMAH-65M
215	2-11/16 70mm	126842 049818	P2B-SCMAH-211 P2B-SCMAH-70M
216	2-15/16 3 75mm	126843 @ 053719	P2B-SCMAH-215 P2B-SCMAH-300 P2B-SCM-75M
218	3-7/16 3-1/2 85mm	126844 @ @	P2B-SCMAH-307 P2B-SCMAH-308 P2B-SCMAH-85M

@ Assembled to order.

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SCMAH AIR HANDLING MEDIUM DUTY PILLOW BLOCKS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

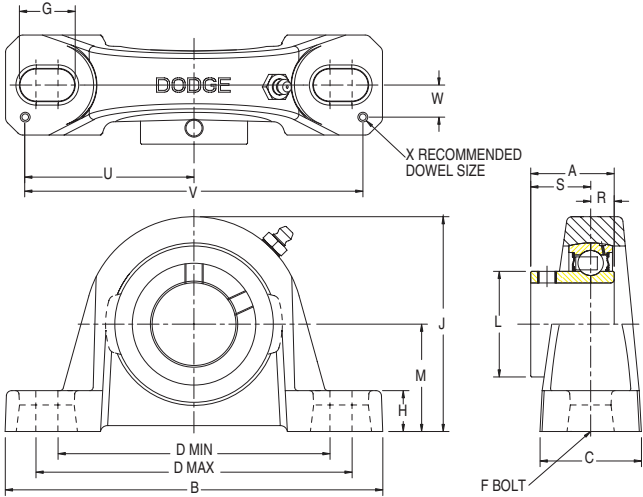
Series	Shaft Size	Weight lbs. kgs.	A	B	C	D		F Bolt Dia.	G	H	J	L	M	R	S	U	V	W	X
						min.	max.												
206	1	3.0	1-25/64	6-1/4	1-47/64	4-1/4	5	1/2	15/16	3/4	3-5/16	1-37/64	1-11/16	31/64	29/32	2-7/8	5-3/4	9/16	3/16
	25mm	1.3	35.3	158.8	44.1	108.0	127.0	M12	23.8	19.1	84.1	40.1	42.9	12.3	23.0	73.0	146.1	14.3	4.8
207	1-3/16	4.6	1-17/32	6-1/2	1-47/64	4-11/16	5-7/16	1/2	15/16	45/64	3-3/4	1-27/32	1-7/8	1/2	1-1/32	2-29/32	5-13/16	9/16	3/16
	1-1/4	4.2																	
208	30mm	2.0	38.9	165.1	44.1	119.1	138.1	M12	23.8	18.3	95.3	46.8	47.6	12.7	26.2	73.8	147.6	14.3	4.8
209	1-7/16	5.4	1-11/16	7-1/4	1-15/16	5-3/16	5-7/8	1/2	29/32	15/16	4-3/16	2-3/64	2-1/8	19/32	1-3/32	3-17/64	6-17/32	11/16	3/16
	35mm	2.3	42.9	184.2	49.2	131.8	149.2	M12	23.0	23.8	106.4	52.0	54.0	15.1	27.8	82.9	165.9	17.5	4.8
210	1-1/2	6.4	1-23/32	7-7/16	2	5-1/2	6-3/8	1/2	29/32	3/4	4-9/32	2-7/32	2-1/8	19/32	1-1/8	3-3/8	6-3/4	11/16	3/16
	1-5/8	6.3																	
211	40mm	2.7	43.7	188.9	50.8	139.7	161.9	M12	23.0	19.1	108.7	56.4	54.0	15.1	28.6	85.7	171.5	17.5	4.8
212	1-11/16	7.4	1-3/4	8-1/8	2-1/4	6	6-11/16	5/8	1-1/16	3/4	4-17/32	2-7/16	2-1/4	19/32	1-5/32	3-11/16	7-3/8	13/16	3/16
	1-3/4	7.3																	
213	45mm	3.2	44.5	206.4	57.2	152.4	169.9	M16	22.0	19.1	115.1	61.9	57.2	15.1	29.4	93.7	187.3	20.6	4.8
214	1-15/16	9.2	1-27/32	8-7/8	2-5/16	6-3/8	7-7/16	5/8	1-7/32	7/8	4-31/32	2-23/32	2-1/2	5/8	1-7/32	3-15/16	7-7/8	13/16	3/16
	2	9.0																	
215	50mm	3.9	44.5	225.4	58.7	161.9	188.9	M16	31.0	22.2	126.2	69.1	63.5	15.9	31.0	100.0	200.0	20.6	4.8
216	2-3/16	11.0	1-63/64	9-1/2	2-3/8	6-7/8	7-15/16	5/8	1-7/32	7/8	5-13/32	2-31/32	2-3/4	43/64	1-5/16	4-1/4	8-1/2	7/8	3/16
	2-1/4	10.8																	
217	55mm	4.7	50.4	241.3	60.3	174.6	201.6	M16	31.0	22.2	137.3	75.4	69.9	17.1	33.3	108.0	215.9	22.2	4.8
218	2-7/16	15.7	2-15/64	10-3/4	2-11/16	7-1/2	8-1/2	3/4	1-5/16	15/16	6-3/32	3-5/16	3	51/64	1-7/16	4-7/8	9-3/4	15/16	3/16
	2-1/2	15.5																	
219	65mm	6.7	56.8	273.1	68.3	190.5	215.9	M18	33.3	23.8	154.8	84.1	76.2	20.2	36.5	123.8	247.7	23.8	4.8
220	2-11/16	21.0	2-9/32	11-3/4	2-7/8	8-1/2	9-1/2	7/8	1-7/16	1	6-3/4	3-5/8	3-1/2	13/16	1-15/32	5-31/64	10-31/32	1-3/64	3/16
	70mm	9.0	57.9	298.5	73.0	215.9	241.3	M22	36.5	25.4	171.5	92.1	88.9	20.6	37.3	139.3	278.6	26.6	4.8
221	2-15/16	21.3	2-11/32	11-3/4	3	8-1/2	9-1/2	7/8	1-7/16	1-1/4	6-31/32	3-53/64	3-1/2	27/32	1-1/2	5-1/2	11	1-3/32	3/16
	3	21.1																	
222	75mm	9.1	59.5	298.5	76.2	215.9	241.3	M22	36.5	31.8	177.0	97.2	88.9	21.4	38.1	139.7	279.4	27.8	4.8
223	3-7/16	31.8	2-31/64	14	3-3/8	10-5/16	11-5/8	7/8	1-19/32	1-5/16	8	4-23/64	4	59/64	1-9/16	6-9/16	13-1/8	1-3/16	3/16
	3-1/2	31.3																	
224	85mm	13.6	63.1	355.6	85.7	261.9	295.3	M22	40.5	33.3	203.2	110.7	101.6	23.4	39.7	166.7	333.4	30.2	4.8

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings VSC AND VSCU INTERMEDIATE DUTY PILLOW BLOCKS



Lube Fitting
203 series - 1/4-28 tapered thread
204 series and larger - 1/8-27 NPT

Series	Shaft Size	Standard		No-Lube/Sealed for Life (-NL)	
		Part No.	Description	Part No.	Description
203	1/2	125500	P2B-VSC-008	049887	P2B-VSC-008-NL
	5/8	125501	P2B-VSC-010	@	P2B-VSC-010-NL
	17mm	@	P2B-VSC-17M	@	P2B-VSC-17M-NL
203 (VSCU)	1/2	125513	P2B-VSCU-008	@	P2B-VSCU-008-NL
	5/8	125514	P2B-VSCU-010	@	P2B-VSCU-010-NL
	17mm	125685	P2B-VSCU-17M	@	P2B-VSCU-17M-NL
204	3/4	123580	P2B-VSC-012	054495	P2B-VSC-012-NL
	20mm	125686	P2B-VSC-20M	@	P2B-VSC-20M-NL
205	7/8	125502	P2B-VSC-014	@	P2B-VSC-014-NL
	15/16	125503	P2B-VSC-015	@	P2B-VSC-015-NL
	1	123581	P2B-VSC-100	123590	P2B-VSC-100-NL
	25mm	125687	P2B-VSC-25M	@	P2B-VSC-25M-NL
206	1-1/8	125504	P2B-VSC-102	@	P2B-VSC-102-NL
	1-3/16	123582	P2B-VSC-103	064691	P2B-VSC-103-NL
	1-1/4	123589	P2B-VSC-104S	@	P2B-VSC-104S-NL
	30mm	125751	P2B-VSC-30M	@	P2B-VSC-30M-NL
206 (VSCU)	1-1/8	125515	P2B-VSCU-102	@	P2B-VSCU-102-NL
	1-3/16	123604	P2B-VSCU-103	050854	P2B-VSCU-103-NL
	1-1/4	123606	P2B-VSCU-104S	@	P2B-VSCU-104S-NL
	30mm	125688	P2B-VSCU-30M	@	P2B-VSCU-30M-NL

@Assembled to order

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings

VSC AND VSCU INTERMEDIATE DUTY PILLOW BLOCKS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs. kg.	A	B	C	D		F Bolt Dia.	G	H	J	L	M	R	S	U	V	W	X
						Min.	Max.												
203	1/2	1.1	15/16	5	1-13/64	3-1/4	4-1/16	3/8	27/32	15/32	2-9/64	31/32	1-1/16	19/64	41/64	2-1/4	4-1/2	3/8	1/8
	5/8	1.0																	
	17mm	0.5	23.8	127.0	30.6	82.6	103.2	M10	21.4	11.9	54.4	24.6	27.0	7.5	16.3	57.2	114.3	9.5	3.2
203 (VSCU)	1/2	1.2	15/16	5	1-13/64	3-1/4	4-1/16	3/8	27/32	19/32	2-17/64	31/32	1-3/16	19/64	41/64	2-1/4	4-1/2	3/8	1/8
	5/8	1.1																	
	17mm	0.6	23.8	127.0	30.6	82.6	103.2	M10	21.4	15.1	57.5	24.6	30.2	7.5	16.3	57.2	114.3	9.5	3.2
204	3/4	1.4	1-1/16	5-1/4	1-21/64	3-3/8	4-3/16	3/8	27/32	17/32	2-9/16	1-7/64	1-5/16	21/64	47/64	2-1/4	4-1/2	1/2	1/8
	20mm	0.6	27.0	133.4	33.7	85.7	106.4	M10	21.4	13.5	65.1	28.2	33.3	8.3	18.7	57.2	114.3	12.7	3.2
205	7/8	1.8	1-3/32	5-1/2	1-13/32	3-11/16	4-1/2	3/8	27/32	37/64	2-25/32	1-21/64	1-7/16	21/64	49/64	2-1/2	5	1/2	3/16
	15/16	1.7																	
	1	1.6																	
206	25mm	0.8	27.8	139.7	35.7	93.7	114.3	M10	21.4	14.7	70.6	33.7	36.5	8.3	19.4	63.5	127.0	12.7	4.8
	1-1/8	2.7	1-19/64	6-1/4	1-47/64	4-1/4	5	1/2	15/16	11/16	3-1/4	1-37/64	1-5/8	25/64	29/32	2-7/8	5-3/4	9/16	3/16
	1-3/16	2.6																	
206 (VSCU)	1-1/4	2.5																	
	30mm	1.2	32.9	158.8	44.1	108.0	127.0	M12	23.8	17.5	82.6	40.1	41.3	9.9	23.0	73.0	146.1	14.3	4.8
206 (VSCU)	1-1/8	2.8	1-19/64	6-1/4	1-47/64	4-1/4	5	1/2	15/16	3/4	3-5/16	1-37/64	1-11/16	25/64	29/32	2-7/8	5-3/4	9/16	3/16
	1-3/16	2.7																	
	1-1/4	2.6																	
	30mm	1.3	32.9	158.8	44.1	108.0	127.0	M12	23.8	19.1	84.1	40.1	42.9	9.9	23.0	73.0	146.1	14.3	4.8

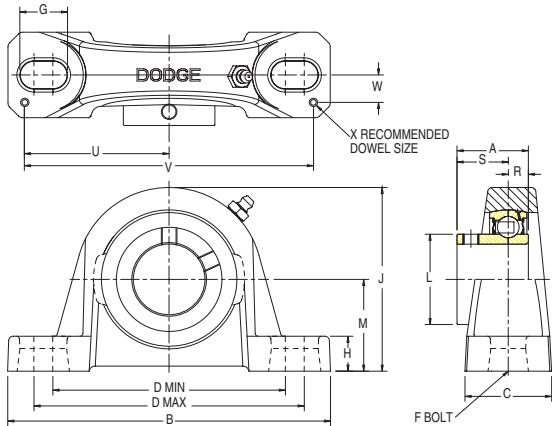
FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings VSC AND VSCU INTERMEDIATE DUTY PILLOW BLOCKS

Lube Fitting
203 series - 1/4-28 tapered thread
204 series and larger - 1/8-27 NPT



Series	Shaft Size	Standard		No-Lube/Sealed for Life (-NL)	
		Part No.	Description	Part No.	Description
207	1-1/4	123583	P2B-VSC-104	051889	P2B-VSC-104-NL
	1-3/8	125505	P2B-VSC-106	@	P2B-VSC-106-NL
	1-7/16	123584	P2B-VSC-107	050838	P2B-VSC-107-NL
	35mm	125689	P2B-VSC-35M	@	P2B-VSC-35M-NL
208	1-1/2	123585	P2B-VSC-108	051890	P2B-VSC-108-NL
	40mm	@	P2B-VSC-40M	@	P2B-VSC-40M-NL
209	1-11/16	125506	P2B-VSC-111	@	P2B-VSC-111-NL
	1-3/4	124933	P2B-VSC-112	@	P2B-VSC-112-NL
	45mm	125691	P2B-VSC-45M	@	P2B-VSC-45M-NL
210	1-15/16	123586	P2B-VSC-115	053662	P2B-VSC-115-NL
	2	123587	P2B-VSC-200	@	P2B-VSC-200-NL
	50mm	125692	P2B-VSC-50M	@	P2B-VSC-50M-NL
211	2	123593	P2B-VSC-200L	049784	P2B-VSC-200L-NL
	2-3/16	123588	P2B-VSC-203	@	P2B-VSC-203-NL
	55mm	125693	P2B-VSC-55M	@	P2B-VSC-55M-NL

@Assembled to order

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings

VSC AND VSCU INTERMEDIATE DUTY PILLOW BLOCKS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs. kg.	A	B	C	D		F Bolt Dia.	G	H	J	L	M	R	S	U	V	W	X
						Min.	Max.												
207	1-1/4	4.5	1-7/16	6-1/2	1-47/64	4-11/16	5-7/16	1/2	15/16	45/64	3-3/4	1-27/32	1-7/8	13/32	1-1/32	2-29/32	5-13/16	9/16	3/16
	1-3/8	4.3																	
	1-7/16	4.2																	
	35mm	2.0	36.5	165.1	44.1	119.1	138.1	M12	23.8	17.9	95.3	46.8	47.6	10.3	26.2	73.8	147.6	14.3	4.8
208	1-1/2	5.4	1-9/16	7-1/4	1-15/16	5-3/16	5-7/8	1/2	29/32	15/16	4-3/16	2-3/64	2-1/8	15/32	1-3/32	3-17/64	6-17/32	11/16	3/16
	40mm	2.5	39.7	184.2	49.2	131.8	149.2	M12	23.0	23.8	106.4	52.0	54.0	11.9	27.8	82.9	165.9	17.5	4.8
209	1-11/16	6.4	1-19/32	7-7/16	2	5-1/2	6-3/16	1/2	29/32	3/4	4-9/32	2-7/32	2-1/8	15/32	1-1/8	3-3/8	6-3/4	11/16	3/16
	1-3/4	6.2																	
	45mm	3.0	40.5	188.9	50.8	139.7	161.9	M12	23.0	19.1	108.7	56.4	54.0	11.9	28.6	85.7	171.5	17.5	4.8
210	1-15/16	7.2	1-5/8	8-1/8	2-1/4	6	6-11/16	5/8	1-1/16	3/4	4-17/32	2-7/16	2-1/4	15/32	1-5/32	3-11/16	7-3/8	13/16	3/16
	2	7.0																	
	50mm	3.3	41.3	206.4	57.2	152.4	169.9	M16	27.0	19.1	115.1	61.9	57.2	11.9	29.4	93.7	187.3	20.6	4.8
211	2	9.0	1-23/32	8-7/8	2-5/16	6-3/8	7-7/16	5/8	1-7/32	7/8	4-31/32	2-23/32	2-1/2	1/2	1-7/32	3-15/16	7-7/8	13/16	3/16
	2-3/16	8.9																	
	55mm	4.2	43.7	225.4	58.7	161.9	188.9	M16	31.0	22.2	126.2	69.1	63.5	12.7	31.0	100.0	200.0	20.6	4.8

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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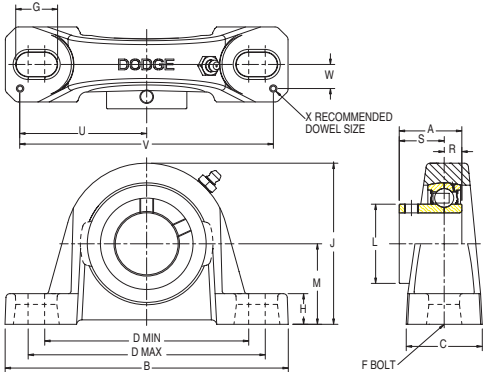
SELECTION/DIMENSIONS



Setscrew Ball Bearings VSCB INTERMEDIATE DUTY PILLOW BLOCKS

Lube Fitting

203 series - 1/4-28 tapered thread
204 series and larger - 1/8-27 NPT



Series	Shaft Size	Standard		No-Lube/Sealed for Life (-NL)	
		Part No.	Description	Part No.	Description
203 (VSC)	1/2	125500	P2B-VSC-008	@	P2B-VSC-008-NL
	5/8	125501	P2B-VSC-010	@	P2B-VSC-010-NL
	17mm	@	P2B-VSC-17M	@	P2B-VSC-17M-NL
204	3/4	123595	P2B-VSCB-012	050833	P2B-VSCB-012-NL
	20mm	@	P2B-VSCB-20M	@	P2B-VSCB-20M-NL
205	7/8	125508	P2B-VSCB-014	@	P2B-VSCB-014-NL
	15/16	125509	P2B-VSCB-015	@	P2B-VSCB-015-NL
	1	123596	P2B-VSCB-100	050828	P2B-VSCB-100-NL
	25mm	@	P2B-VSCB-25M	@	P2B-VSCB-25M-NL
206	1-1/8	125510	P2B-VSCB-102	@	P2B-VSCB-102-NL
	1-3/16	123597	P2B-VSCB-103	050829	P2B-VSCB-103-NL
	1-1/4	123605	P2B-VSCB-104S	@	P2B-VSCB-104S-NL
	30mm	@	P2B-VSCB-30M	@	P2B-VSCB-30M-NL
207	1-1/4	123598	P2B-VSCB-104	@	P2B-VSCB-104-NL
	1-3/8	125511	P2B-VSCB-106	@	P2B-VSCB-106-NL
	1-7/16	123599	P2B-VSCB-107	050830	P2B-VSCB-107-NL
	35mm	@	P2B-VSCB-35M	@	P2B-VSCB-35M-NL
208	1-1/2	123600	P2B-VSCB-108	@	P2B-VSCB-108-NL
	40mm	125690	P2B-VSCB-40M	@	P2B-VSCB-40M-NL
209	1-11/16	125512	P2B-VSCB-111	050848	P2B-VSCB-111-NL
	1-3/4	125507	P2B-VSCB-112	@	P2B-VSCB-112-NL
	45mm	@	P2B-VSCB-45M	@	P2B-VSCB-45M-NL
210	1-15/16	123601	P2B-VSCB-115	@	P2B-VSCB-115-NL
	2	123602	P2B-VSCB-200	@	P2B-VSCB-200-NL
	50mm	@	P2B-VSCB-50M	@	P2B-VSCB-50M-NL
211	2	123607	P2B-VSCB-200L	@	P2B-VSCB-200L-NL
	2-3/16	123603	P2B-VSCB-203	050831	P2B-VSCB-203-NL
	55mm	@	P2B-VSCB-55M	@	P2B-VSCB-55M-NL

@ Assembled to order

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings VSCB INTERMEDIATE DUTY PILLOW BLOCKS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

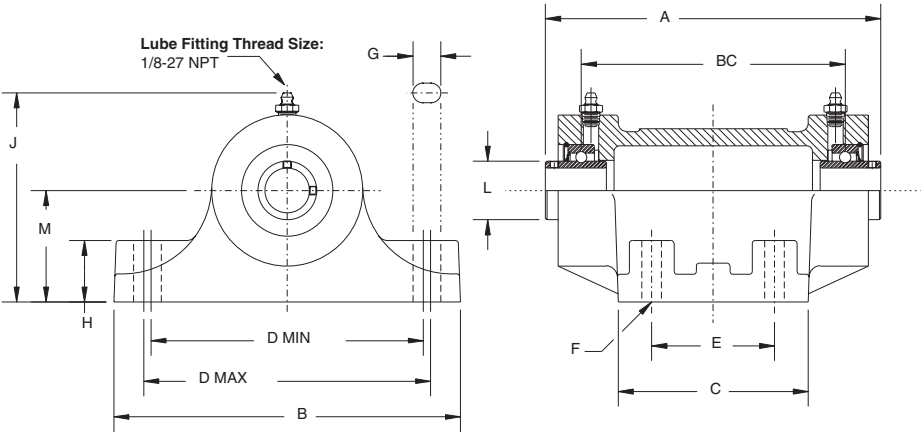
Series	Shaft Size	Weight lbs. kg.	A	B	C	D		F Bolt Dia.	G	H	J	L	M	R	S	U	V	W	X
						Min.	Max.												
203 (VSC)	1/2	1.1	15/16	5	1-13/64	3-1/4	4-1/16	3/8	27/32	15/32	2-17/64	31/32	1-1/16	19/64	41/64	2-1/4	4-1/2	3/8	1/8
	5/8	1.0																	
	17mm	0.5	23.8	127.0	30.6	82.6	103.2	M10	21.4	11.9	54.4	24.6	27.0	7.5	16.3	57.2	114.3	9.5	3.2
204	3/4	1.4	1-1/16	5-1/4	1-21/64	3-3/8	4-3/16	3/8	27/32	29/64	2-1/2	1-1/8	1-1/4	21/64	47/64	2-1/4	4-1/2	1/2	1/8
	20mm	0.6	27.0	133.4	33.7	85.7	106.4	M10	21.4	11.5	63.5	28.6	31.8	8.3	18.7	57.2	114.3	12.7	3.2
205	7/8	1.8	1-3/32	5-1/2	1-13/32	3-11/16	4-1/2	3/8	27/32	29/64	2-21/32	1-5/16	1-5/16	21/64	49/64	2-1/2	5	1/2	3/16
	15/16	1.7																	
	1	1.6																	
206	25mm	0.8	27.8	139.7	35.7	93.7	114.3	M10	21.4	11.5	67.5	33.3	33.3	8.3	19.4	63.5	127.0	12.7	4.8
	1-1/8	2.7	1-19/64	6-1/4	1-47/64	4-1/4	5	1/2	15/16	5/8	3-3/16	1-37/64	1-9/16	25/64	29/32	2-7/8	5-3/4	9/16	3/16
	1-3/16	2.6																	
207	1-1/4	2.5																	
	30mm	1.2	32.9	158.8	44.1	108.0	127.0	M12	23.8	15.9	81.0	40.1	39.87	9.9	23.0	73.0	146.1	14.3	4.8
208	1-1/4	4.5	1-7/16	6-1/2	1-47/64	4-11/16	5-7/16	1/2	15/16	41/64	3-11/16	1-27/32	1-13/16	13/32	1-1/32	2-29/32	5-13/16	9/16	3/16
	1-3/8	4.3																	
	1-7/16	4.2																	
209	35mm	2.0	36.5	165.1	44.1	119.1	138.1	M12	23.8	16.3	93.7	46.8	46.0	10.3	26.2	73.8	147.6	14.3	4.8
	1-1/2	5.4	1-9/16	7-1/4	1-15/16	5-3/16	5-7/8	1/2	29/32	3/4	4	2-3/64	1-15/16	15/32	1-3/32	3-17/64	6-17/32	11/16	3/16
	40mm	2.5	39.7	184.2	49.2	131.8	149.2	M12	23.0	19.1	101.6	52.0	49.2	11.9	27.8	82.9	165.9	17.5	4.8
210	1-11/16	6.4	1-19/32	7-7/16	2	5-1/2	6-3/16	1/2	29/32	11/16	4-7/32	2-7/32	2-1/16	15/32	1-1/8	3-3/8	6-3/4	11/16	3/16
	1-3/4	6.2																	
	45mm	3.0	40.5	188.9	50.8	139.7	161.9	M12	23.0	17.5	107.2	56.4	52.4	11.9	28.6	85.7	187.5	17.5	4.8
211	1-15/16	7.2	1-5/8	8-1/8	2-1/4	6	6-11/16	5/8	1-1/64	11/16	4-15/32	2-7/16	2-3/16	15/32	1-5/32	3-11/16	7-3/8	13/16	3/16
	2	7.0																	
	50mm	3.3	41.3	206.4	57.2	152.4	169.9	M16	25.8	17.5	113.5	61.9	55.6	11.9	29.4	93.7	187.3	20.6	4.8
211	2	9.0	1-23/32	8-7/8	2-5/16	6-3/8	7-7/16	5/8	1-7/32	13/16	4-29/32	2-23/32	2-7/16	1/2	1-7/32	3-15/16	7-7/8	13/16	3/16
	2-3/16	8.9																	
	55mm	4.2	43.7	225.4	58.7	161.9	188.9	M16	31.0	20.6	124.6	69.1	61.9	12.7	31.0	100.0	200.0	20.6	4.8

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings
CC BALL BEARING FAN AND BLOWER PILLOW BLOCKS



Series	Shaft Size	Part No.	Description
205	15/16	134131	F&B-CC-015
	1	134132	F&B-CC-100
206	1-1/8	134134	F&B-CC-102
	1-3/16	134135	F&B-CC-103
207	1-1/4	134136	F&B-CC-104
	1-3/8	134138	F&B-CC-106
	1-7/16	134139	F&B-CC-107
209	1-11/16	134140	F&B-CC-111
	1-3/4	134141	F&B-CC-112
210	1-15/16	134142	F&B-CC-115
211	2-3/16	134144	F&B-CC-203

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings

CC BALL BEARING FAN AND BLOWER PILLOW BLOCKS

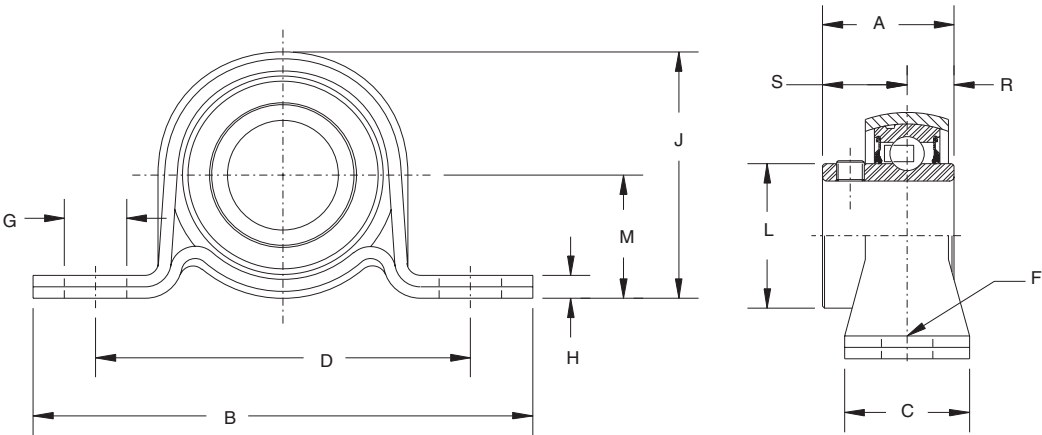
Series	Shaft Size	Weight lbs.	A	B	C	D		E	F Bolt Dia.	G	H	J	L	M	Bearing Centers BC
						Min.	Max.								
205	15/16 1	16.1 16.0	7-1/2	7-3/4	4-1/4	6-1/16	6-7/16	2-3/4	3/8	5/8	1-1/4	4-5/8	1-5/16	2-1/2	5-29/32
206	1-1/8 1-3/16	16.3 16.2	7-25/32	7-3/4	4-1/4	6-1/16	6-7/16	2-3/4	3/8	5/8	1-1/4	4-5/8	1-19/32	2-1/2	5-61/64
207	1-1/4 1-3/8 1-7/16	36.6 36.2 36.0	10-39/64	10	5-1/2	7-3/4	8-1/4	3-1/2	1/2	7/8	1-9/16	5-9/16	1-27/32	3	8-15/32
209	1-11/16 1-3/4	35.0 34.8	10-21/32	10	5-1/2	7-3/4	8-1/4	3-1/2	1/2	7/8	1-9/16	5-9/16	2-9/32	3	8-5/16
210	1-15/16	60.0	13-25/32	12	7	9-1/8	9-7/8	4-1/2	5/8	1-1/8	1-3/4	6-7/16	2-15/32	3-1/2	11-3/8
211	2-3/16	56.0	14-5/32	12	7	9-1/8	9-7/8	4-1/2	5/8	1-1/8	1-3/4	6-7/16	2-3/4	3-1/2	11-3/8

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SL LIGHT DUTY PILLOW BLOCKS



Series	Shaft Size	Part No.	Description
203	1/2	059637	P2B-SL-008
	5/8	128197	P2B-SL-010
	17mm	@	P2BSL-17M
204	3/4	128106	P2B-SL-012
	20mm	@	P2B-SL-20M
205	7/8	128170	P2B-SL-014
	15/16	128171	P2B-SL-015
	1	128107	P2B-SL-100
	25mm	@	P2B-SL-25M
206	1-1/8	128172	P2B-SL-102
	1-3/16	128108	P2B-SL-103
	1-1/4	128111	P2B-SL-104S
	30mm	@	P2B-SL-30M
207	1-1/4	128109	P2B-SL-104
	1-3/8	128173	P2B-SL-106
	1-7/16	128110	P2B-SL-107
	35mm	@	P2B-SL-35M

@ Assembled to order

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SL LIGHT DUTY PILLOW BLOCKS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

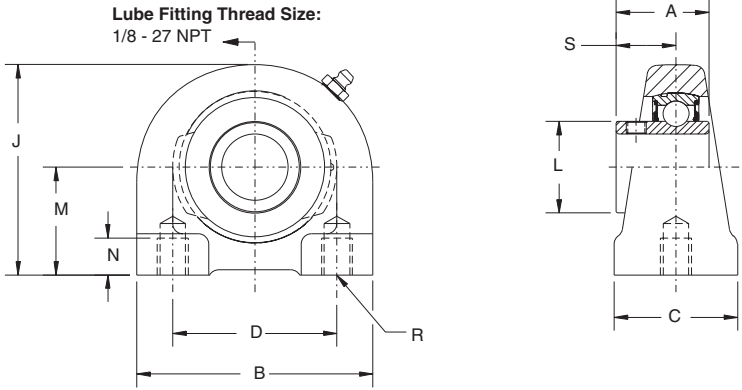
Series	Shaft Size	Weight lb. ks.	A	B	C	D	F Bolt Dia	G	H	J	L	M	R	S	Housing Radial Load Rating (lbs)
203	1/2	0.51	15/16	3-5/8	1	2-11/16	1/4	11/32	0.133	1-11/16	31/32	27/32	19/64	41/64	250
	5/8	0.49													
	17mm	0.2	23.8	92.1	25.4	68.3	M6	8.7	3.4	42.9	24.6	21.4	7.5	16.3	1,112
204	3/4	0.61	1-1/16	4-1/8	1	3	3/8	1/2	0.178	2-1/16	1-1/8	1	21/64	47/64	350
	20mm	0.3	27.0	104.8	25.4	76.2	M10	12.7	4.5	52.4	28.6	25.4	8.3	18.7	1,556
205	7/8	0.79	1-3/32	4-1/2	1-1/8	3-3/8	3/8	9/16	0.208	2-7/32	1-21/64	1-1/8	21/64	49/64	400
	15/16	0.76													
	1	0.73													
206	25mm	0.4	27.8	114.3	28.6	85.7	M10	14.3	5.3	56.4	33.7	28.6	8.3	19.4	1,779
	1-1/8	1.14	1-19/64	4-7/8	1-1/8	3-3/4	3/8	9/16	0.238	2-5/8	1-37/64	1-5/16	25/64	29/32	600
	1-3/16	1.12													
207	1-1/4	1.10													
	30mm	0.5	32.9	123.8	28.6	95.3	M10	14.3	6.0	66.7	40.1	33.3	9.9	23.0	2,668
	1-1/4	1.54	1-7/16	5-3/4	1-1/4	4-1/4	1/2	3/4	0.238	3-1/8	1-27/32	1-9/16	13/32	1-1/32	800
207	1-3/8	1.50													
	1-7/16	1.48													
	35mm	0.7	36.5	146.1	31.8	108.0	M12	19.1	6.0	79.4	46.8	39.7	10.3	26.2	3,557

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SC NORMAL DUTY TAPPED BASE PILLOW BLOCKS



Series	Shaft Size	Part No.	Description
204	1/2	124460	TB-SC-008
	5/8	124461	TB-SC-010
	3/4	124462	TB-SC-012
	20mm	130354	<i>TB-SC-20M</i>
205	7/8	124463	TB-SC-014
	15/16	124464	TB-SC-015
	1	124465	TB-SC-100
	25mm	130355	<i>TB-SC-25M</i>
206	1-1/16	124466	TB-SC-101
	1-1/8	124467	TB-SC-102
	1-3/16	124468	TB-SC-103
	1-1/4	124469	TB-SC-104S
207	30mm	130356	<i>TB-SC-30M</i>
	1-1/4	124470	TB-SC-104
	1-5/16	124471	TB-SC-105
	1-3/8	124472	TB-SC-106
208	1-7/16	124473	TB-SC-107
	35mm	130357	<i>TB-SC-35M</i>
	1-1/2	124479	TB-SC-108
	1-5/8	128998	TB-SC-110
209	40mm	130358	<i>TB-SC-40M</i>
	1-5/8	049859	TB-SC-110L
	1-11/16	054548	TB-SC-111
	1-3/4	054781	TB-SC-112
210	45mm	130359	<i>TB-SC-45M</i>
	1-15/16	124478	TB-SC-115
	2	052472	TB-SC-200
	50mm	130360	<i>TB-SC-50M</i>
211	2	124480	TB-SC-200L
	2-3/16	050386	TB-SC-203
	2-1/4	054436	TB-SC-204
	55mm	130361	<i>TB-SC-55M</i>

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SC NORMAL DUTY TAPPED BASE PILLOW BLOCKS

Series	Shaft Size	Weight lbs. kgs.	A	B	C	D	J	L	M	N	R	S
204	1/2	1.56	1-5/32	2-7/8	1-1/2	2	2-9/16	1-1/8	1-5/16	1/2	3/8- 16	47/64
	5/8	1.53										
	3/4	1.50										
	20mm	0.06	29.4	73.0	38.1	50.8	65.1	28.6	33.3	12.7	M8x1.25	18.7
205	7/8	1.93	1-3/16	3	1-1/2	2.0	2-13/16	1-21/64	1-7/16	1/2	3/8- 16	49/64
	15/16	1.90										
	1	1.87										
	25mm	0.07	30.2	76.2	38.1	50.8	71.4	33.7	36.5	12.7	M10x1.5	19.4
206	1-1/16	2.66	1-25/64	4	1-1/2	3.0	3-3/8	1-37/64	1-11/16	5/8	7/16 - 14	29/32
	1-1/8	2.62										
	1-3/16	2.59										
	1-1/4	2.56										
	30mm	0.10	35.3	101.6	38.1	76.2	85.7	40.1	42.9	15.9	M10x1.5	23.0
207	1-1/4	3.41	1-17/32	4-1/4	1-7/8	3-1/4	3-3/4	1-27/32	1-7/8	3/4	1/2 - 13	1-1/32
	1-5/16	3.36										
	1-3/8	3.34										
	1-7/16	3.25										
	35mm	0.13	38.9	108.0	47.6	82.6	95.3	46.8	47.6	19.1	M10x1.5	26.2
208	1-1/2	4.10	1-11/16	4-5/8	1-7/8	3-1/2	3-15/16	2-3/64	1-15/16	3/4	1/2-13	1-3/32
	1-5/8	4.00										
	40mm	0.16	42.9	117.5	47.6	88.9	100.0	52.0	49.2	19.1	M12x1.75	27.8
209	1-5/8	5.20	1-23/32	5	2	3-3/4	4-1/4	2-7/32	2-1/8	3/4	1/2-13	1-1/8
	1-11/16	5.00										
	1-3/4	4.90										
	45mm	0.20	43.7	127.0	50.8	95.3	108.0	56.4	54.0	19.1	M12x1.75	28.6
210	1-15/16	5.40	1-3/4	5-1/2	2	4	4-5/8	2-7/16	2-1/4	7/8	5/8-11	1-5/32
	2	5.20										
	50mm	0.21	44.5	139.7	50.8	101.6	117.5	61.9	57.2	22.2	M16x2	29.4
211	2	6.70	1-27/32	5-1/2	2	4	4-5/8	2-23/32	2-1/4	7/8	5/8 - 11	1-7/32
	2-3/16	6.50										
	2-1/4	6.30										
	55mm	0.25	46.8	139.7	50.8	101.6	117.5	69.1	57.2	22.2	M16x2	31.0

FEATURES/BENEFITS
PAGE B3-2

NOMENCLATURE
PAGE B3-6

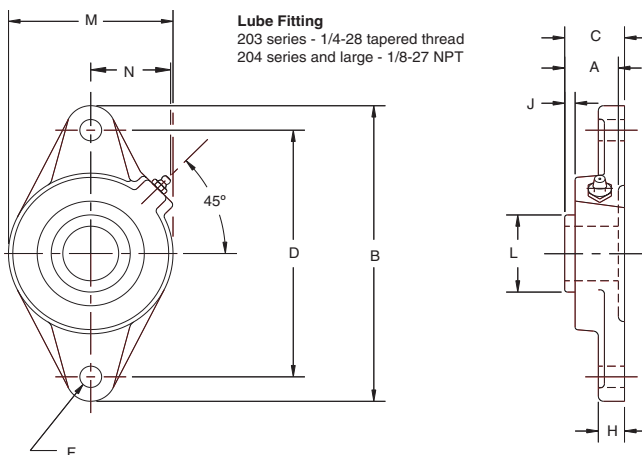
SELECTION
PAGE B3-6

MODIFICATION/ACCESSORIES
PAGE B3-132

SELECTION/DIMENSIONS



Setscrew Ball Bearings SC NORMAL DUTY 2-BOLT FLANGE BEARINGS



Series	Shaft Size	Standard		No-Lube/Sealed for Life (-NL)		With Flingers	
		Part No.	Description	Part No.	Description	Part No.	Description
203	1/2	124198	F2B-SC-008	@	F2B-SC-008-NL	@	F2B-SC-008-FF
	5/8	124199	F2B-SC-010	124256	F2B-SC-010-NL	@	F2B-SC-010-FF
	17mm	125875	F2B-SC-17M	@	F2B-SC-17M-NL	@	F2B-SC-17M-FF
204	1/2	124166	F2B-SC-008L	052220	F2B-SC-008L-NL	@	F2B-SC-008L-FF
	5/8	124167	F2B-SC-010L	124176	F2B-SC-010L-NL	@	F2B-SC-010L-FF
	3/4	124170	F2B-SC-012	124175	F2B-SC-012-NL	057279	F2B-SC-012-FF
	20mm	125876	F2B-SC-20M	050119	F2B-SC-20M-NL	@	F2B-SC-20M-FF
205	7/8	124171	F2B-SC-014	126516	F2B-SC-014-NL	052542	F2B-SC-014-FF
	15/16	124172	F2B-SC-015	@	F2B-SC-015-NL	054731	F2B-SC-015-FF
	1	124173	F2B-SC-100	124174	F2B-SC-100-NL	124391	F2B-SC-100-FF
	25mm	125877	F2B-SC-25M	124785	F2B-SC-25M-NL	@	F2B-SC-25M-FF
206	1-1/16	124410	F2B-SC-101	@	F2B-SC-101-NL	@	F2B-SC-101-FF
	1-1/8	124274	F2B-SC-102	@	F2B-SC-102-NL	050554	F2B-SC-102-FF
	1-3/16	124275	F2B-SC-103	124614	F2B-SC-103-NL	@	F2B-SC-103-FF
	1-1/4	123172	F2B-SC-104S	@	F2B-SC-104S-NL	051968	F2B-SC-104S-FF
	30mm	125878	F2B-SC-30M	126102	F2B-SC-30M-NL	@	F2B-SC-30M-FF
207	1-1/4	124276	F2B-SC-104	126518	F2B-SC-104-NL	052664	F2B-SC-104-FF
	1-5/16	124411	F2B-SC-105	@	F2B-SC-105-NL	@	F2B-SC-105-FF
	1-3/8	124277	F2B-SC-106	126519	F2B-SC-106-NL	@	F2B-SC-106-FF
	1-7/16	124278	F2B-SC-107	124618	F2B-SC-107-NL	124456	F2B-SC-107-FF
	35mm	125879	F2B-SC-35M	@	F2B-SC-35M-NL	@	F2B-SC-35M-FF

@Assembled to order

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SC NORMAL DUTY 2-BOLT FLANGE BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

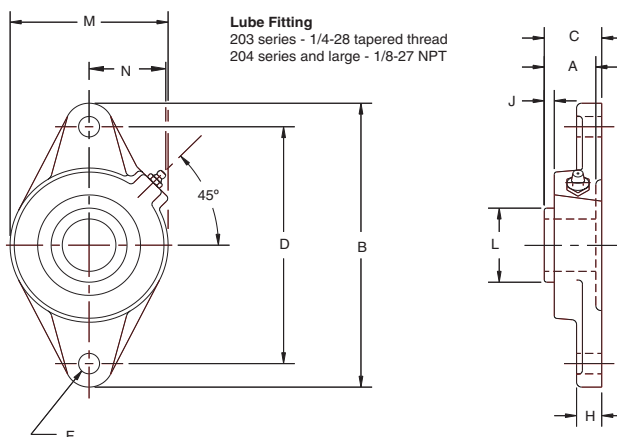
Series	Shaft Size	Weight lbs. kgs.	A	B	C	D	F Bolt Dia.	H	J	L	M	N
203	1/2	0.8	1	3-7/8	1-3/16	3	3/8	3/8	11/32	31/32	2-1/8	1-1/8
	5/8	0.7										
	17mm	0.3	25.4	98.4	30.2	76.2	M10	9.5	8.7	24.6	54.0	28.6
204	1/2	1.6	1-5/32	4-13/32	1-3/8	3-17/32	3/8	1/2	25/64	1-1/8	2-3/8	1-1/2
	5/8	1.5										
	3/4	1.4										
	20mm	0.5	29.4	111.9	34.6	89.7	M10	12.7	9.6	28.6	60.3	38.1
205	7/8	1.6	1-3/16	4-7/8	1-11/32	3-57/64	7/16	1/2	25/64	1-21/64	2-3/4	1-7/16
	15/16	1.5										
	1	1.4										
	25mm	0.6	30.2	123.8	34.1	98.8	M10	12.7	9.9	33.7	69.9	36.5
206	1-1/16	2.3	1-25/64	5-9/16	1-17/32	4-19/32	7/16	1/2	15/32	1-37/64	3-1/8	1-9/16
	1-1/8	2.2										
	1-3/16	2.1										
	1-1/4	2.0										
	30mm	1.0	35.3	141.3	38.8	116.7	M12	12.7	11.6	40.1	79.4	39.7
207	1-1/4	3.5	1-17/32	6-1/8	1-3/4	5-1/8	1/2	9/16	17/32	1-27/32	3-3/4	1-27/32
	1-5/16	3.4										
	1-3/8	3.2										
	1-7/16	3.1										
	35mm	1.5	38.9	155.6	44.5	130.2	M12	14.3	13.4	46.8	95.3	46.8

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SC NORMAL DUTY 2-BOLT FLANGE BEARINGS



Series	Shaft Size	Standard		No-Lube/Sealed for Life (-NL)		With Flingers	
		Part No.	Description	Part No.	Description	Part No.	Description
208	1-1/2	124268	F2B-SC-108	052011	F2B-SC-108-NL	124457	F2B-SC-108-FF
	1-5/8	124412	F2B-SC-110	@	F2B-SC-110-NL	@	F2B-SC-110-FF
	40mm	125880	F2B-SC-40M	126042	F2B-SC-40M-NL	@	F2B-SC-40M-FF
209	1-5/8	125171	F2B-SC-110L	@	F2B-SC-110L-NL	@	F2B-SC-110L-FF
	1-11/16	124279	F2B-SC-111	@	F2B-SC-111-NL	057849	F2B-SC-111-FF
	1-3/4	124413	F2B-SC-112	126521	F2B-SC-112-NL	124455	F2B-SC-112-FF
	1-13/16	124280	F2B-SC-113	@	F2B-SC-113-NL	@	F2B-SC-113-FF
	45mm	125881	F3B-SC-45M	@	F2B-SC-45M-NL	@	F2B-SC-45M-FF
210	1-15/16	124269	F2B-SC-115	126522	F2B-SC-115-NL	@	F2B-SC-115-FF
	2	124270	F2B-SC-200	126523	F2B-SC-200-NL	124542	F2B-SC-200-FF
	50mm	125882	F2B-SC-50M	@	F2B-SC-50M-NL	@	F2B-SC-50M-FF
211	2	126293	F2B-SCM-200	@	F2B-SCM-200-NL	058986	F2B-SCM-200-FF
	2-3/16	124034	F2B-SC-203	@	F2B-SC-203-NL	@	F2B-SC-203-FF
	2-1/4	124373	F2B-SC-204	@	F2B-SC-204-NL	@	F2B-SC-204-FF
	55mm	124942	F2B-SC-55M	@	F2B-SC-55M-NL	@	F2B-SC-55M-FF
212	2-1/4	@	F2B-SCM-204	@	F2B-SCM-204-NL	@	F2B-SCM-204-FF
	2-7/16	053175	F2B-SC-207	049437	F2B-SC-207-NL	@	F2B-SC-207-FF
	60mm	@	F2B-SC-60M	@	F2B-SC-60M-NL	@	F2B-SC-60M-FF

@Assembled to order

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SC NORMAL DUTY 2-BOLT FLANGE BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

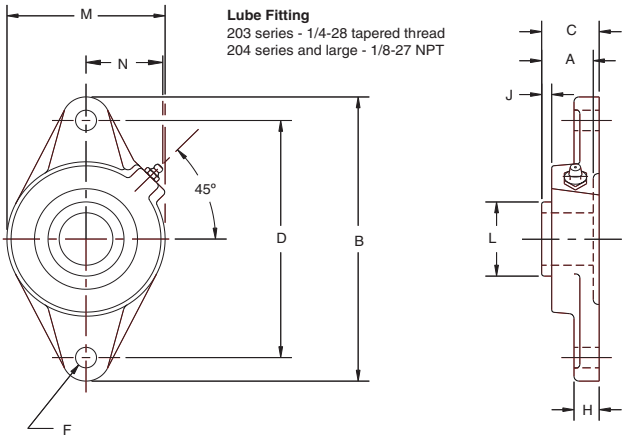
Series	Shaft Size	Weight lbs. kgs.	A	B	C	D	F Bolt Dia.	H	J	L	M	N
208	1-1/2	4.1	1-11/16	6-3/4	1-7/8	5-21/32	1/2	9/16	17/32	2-3/64	4-1/8	1-53/64
	1-5/8	4.0										
	40mm	1.8	42.9	171.5	47.5	143.7	M12	14.3	13.4	52.0	104.8	46.4
209	1-5/8	5.2	1-23/32	7-1/16	1-15/16	5-27/32	1/2	5/8	17/32	2-7/32	4-3/8	1-29/32
	1-11/16	5.0										
	1-3/4	4.9										
	1-13/16	4.7										
	45mm	2.2	43.7	179.4	49.2	148.4	M14	15.9	13.4	56.4	111.1	48.4
210	1-15/16	5.4	1-3/4	7-7/16	2	6-3/16	1/2	5/8	17/32	2-7/16	4-9/16	2-1/32
	2	5.2										
	50mm	2.5	44.5	188.9	50.7	157.2	M16	15.9	13.4	61.9	115.9	51.6
211	2	6.7	1-27/32	8-5/8	2-5/32	7-1/4	5/8	11/16	9/16	2-23/32	5-1/4	2-17/64
	2-3/16	6.5										
	2-1/4	6.3										
	55mm	3.0	46.8	219.1	54.8	184.2	M16	17.5	14.3	69.1	133.4	57.5
212	2-1/4	7.4	1-63/64	9-13/16	2-9/32	7-61/64	7/8	13/16	9/16	2-31/32	5-1/2	2-15/32
	2-7/16	7.0										
	60mm	3.4	50.4	249.2	57.9	202.0	M22	20.6	14.3	75.4	139.7	62.7

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SCAH NORMAL DUTY AIR HANDLING 2-BOLT FLANGE BEARINGS



Series	Shaft Size	Part No.	Description
203	1/2	@	F2B-SCAH-008
	5/8	049742	F2B-SCAH-010
	17mm	056902	F2B-SCAH-17M
204	1/2	@	F2B-SCAH-008L
	5/8	@	F2B-SCAH-010L
	3/4	123730	F2B-SCAH-012
	20mm	@	F2B-SCAH-20M
205	7/8	@	F2B-SCAH-014
	15/16	124244	F2B-SCAH-015
	1	123731	F2B-SCAH-100
	25mm	@	F2B-SCAH-25M
206	1-1/16	@	F2B-SCAH-101
	1-1/8	@	F2B-SCAH-102
	1-3/16	123732	F2B-SCAH-103
	1-1/4	123184	F2B-SCAH-104S
	30mm	@	F2B-SCAH-30M
207	1-1/4	123733	F2B-SCAH-104
	1-5/16	@	F2B-SCAH-105
	1-3/8	@	F2B-SCAH-106
	1-7/16	123734	F2B-SCAH-107
	35mm	@	F2B-SCAH-35M

@ Assembled to order

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings

SCAH NORMAL DUTY AIR HANDLING 2-BOLT FLANGE BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

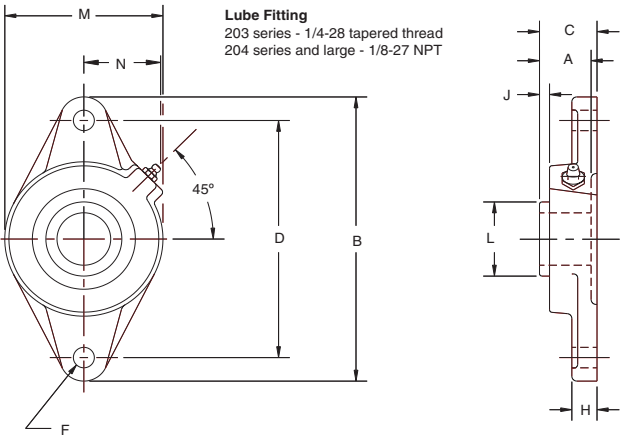
Series	Shaft Size	Weight lbs. kgs	A	B	C	D	F Bolt Dia.	H	J	L	M	N
203	1/2	0.8	1	3-7/8	1-3/16	3	3/8	3/8	11/32	31/32	2-1/8	1-1/8
	5/8	0.7										
	17mm	0.3	25.4	98.4	30.2	76.2	M10	9.5	8.7	24.6	54.0	28.6
204	1/2	1.6	1-5/32	4-13/32	1-3/8	3-17/32	3/8	1/2	25/64	1-1/8	2-3/8	1-1/2
	5/8	1.5										
	3/4	1.4										
	20mm	0.5	29.4	111.9	34.6	89.7	M10	12.7	9.6	28.6	60.3	38.1
205	7/8	1.6	1-3/16	4-7/8	1-11/32	3-57/64	7/16	1/2	25/64	1-21/64	2-3/4	1-7/16
	15/16	1.5										
	1	1.4										
	25mm	0.6	30.2	123.8	34.1	98.8	M10	12.7	9.9	33.7	69.9	36.5
206	1-1/16	2.3	1-25/64	5-9/16	1-17/32	4-19/32	7/16	1/2	15/32	1-37/64	3-1/8	1-9/16
	1-1/8	2.2										
	1-3/16	2.1										
	1-1/4	2.0										
	30mm	1.0	35.3	141.3	38.8	116.7	M12	12.7	11.6	40.1	79.4	39.7
207	1-1/4	3.5	1-17/32	6-1/8	1-3/4	5-1/8	1/2	9/16	17/32	1-27/32	3-3/4	1-27/32
	1-5/16	3.4										
	1-3/8	3.2										
	1-7/16	3.1										
	35mm	1.5	38.9	155.6	44.5	130.2	M12	14.3	13.4	46.8	95.3	46.8

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SCAH NORMAL DUTY AIR HANDLING 2-BOLT FLANGE BEARINGS



Series	Shaft Size	Part No.	Description
208	1-1/2	123735	F2B-SCAH-108
	1-5/8	@	F2B-SCAH-110
	40mm	@	F2B-SCAH-40M
209	1-5/8	@	F2B-SCAH-110L
	1-11/16	123736	F2B-SCAH-111
	1-3/4	123737	F2B-SCAH-112
	45mm	@	F2B-SCAH-45M
210	1-15/16	123738	F2B-SCAH-115
	2	@	F2B-SCAH-200
	50mm	@	F2B-SCAH-50M
211	2	@	F2B-SCMAH-200
	2/3/16	124794	F2B-SCAH-203
	2-1/4	@	F2B-SCAH-204
	55mm	@	F2B-SCAH-55M
212	2-1/4	@	F2B-SCMAH-204
	2-7/16	057707	F2B-SCAH-207
	60mm	@	F2B-SCAH-60M

@ Assembled to order

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings

SCAH NORMAL DUTY AIR HANDLING 2-BOLT FLANGE BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

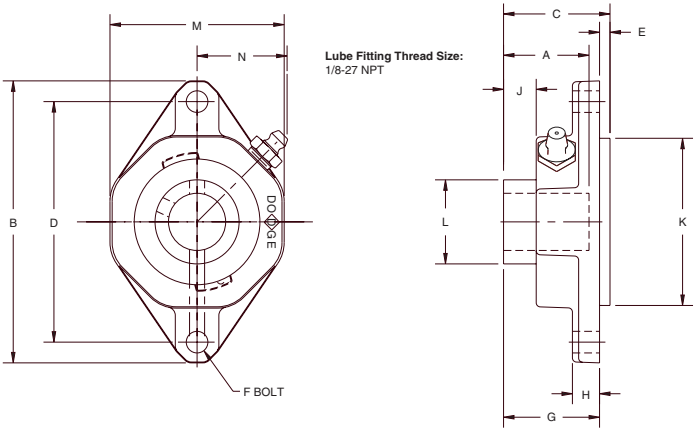
Series	Shaft Size	Weight lbs. kgs	A	B	C	D	F Bolt Dia.	H	J	L	M	N
208	1-1/2	4.1	1-11/16	6-3/4	1-7/8	5-21/32	1/2	9/16	17/32	2-3/64	4-1/8	1-53/64
	1-5/8	4.0										
	40mm	1.8	42.9	171.5	47.5	143.7	M12	14.3	13.4	52.0	104.8	46.4
209	1-5/8	5.2	1-23/32	7-1/16	1-15/16	5-27/32	1/2	5/8	17/32	2-7/32	4-3/8	1-29/32
	1-11/16	5.0										
	1-3/4	4.9										
	45mm	2.2	43.7	179.4	49.2	148.4	M14	15.9	13.4	56.4	111.1	48.4
210	1-15/16	5.4	1-3/4	7-7/16	2	6-3/16	1/2	5/8	17/32	2-7/16	4-9/16	2-1/32
	2	5.2										
	50mm	2.5	44.5	188.9	50.7	157.2	M16	15.9	13.4	61.9	115.9	51.6
211	2	6.7	1-27/32	8-5/8	2-5/32	7-1/4	5/8	11/16	9/16	2-23/32	5-1/4	2-17/64
	2 3/16	6.4										
	2-1/4	6.3										
	55mm	3.0	46.8	219.1	54.8	184.2	M16	17.5	14.3	69.1	133.4	57.5
212	2-1/4	7.4	1-63/64	9-13/16	2-9/32	7-61/64	7/8	13/16	9/16	2-31/32	5-1/2	2-15/32
	2-7/16	7.0										
	60mm	3.4	50.4	249.2	57.9	202.0	M22	20.6	14.3	75.4	139.7	62.7

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SC NORMAL DUTY 2-BOLT PILOTED FLANGE BEARINGS



Series	Shaft Size	Part No.	Description
204	1/2	@	F2BZ-SC-008
	5/8	064775	F2BZ-SC-010
	3/4	062648	F2BZ-SC-012
	20mm	130367	F2BZ-SC-20M
205	7/8	@	F2BZ-SC-014
	15/16	@	F2BZ-SC-015
	1	056929	F2BZ-SC-100
	25mm	130368	F2BZ-SC-25M
206	1-1/8	049926	F2BZ-SC-102
	1-3/16	064480	F2BZ-SC-103
	1-1/4	@	F2BZ-SC-104S
	30mm	130369	F2BZ-SC-30M
207	1-1/4	064089	F2BZ-SC-104
	1-3/8	@	F2BZ-SC-106
	1-7/16	@	F2BZ-SC-107
	35mm	130370	F2BZ-SC-35M
208	1-1/2	062686	F2BZ-SC-108
	1-5/8	@	F2BZ-SC-110
	40mm	130371	F2BZ-SC-40M
209	1-5/8	@	F2BZ-SC-110L
	1-11/16	@	F2BZ-SC-111
	1-3/4	@	F2BZ-SC-112
	45mm	130372	F2BZ-SC-45M
210	1-15/16	056845	F2BZ-SC-115
	2	@	F2BZ-SC-200
	50mm	130373	F2BZ-SC-50M

@ Assembled to order

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings

SC NORMAL DUTY 2-BOLT PILOTED FLANGE BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

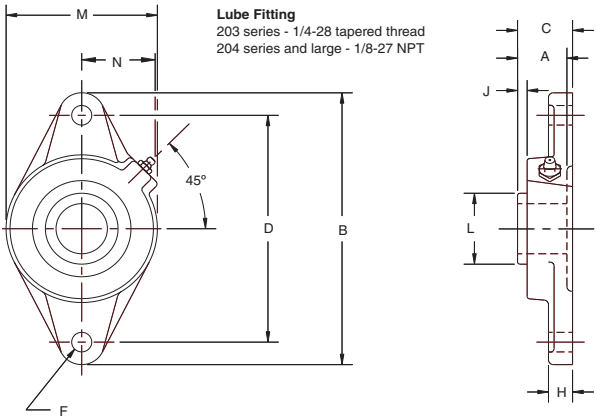
Series	Shaft Size	Weight lbs kg	A	B	C	D	E	F Bolt Dia	G	H	J	K	L	M	N
204	1/2	1.2	1-5/32	4-27/64	1-31/64	3-17/32	0.138	3/8	1-11/32	29/64	21/64	2.1654	1-1/8	2-3/8	1-3/8
	5/8	1.2													
	3/4	1.1													
	20mm	0.3	29.4	112.3	37.6	89.7	3.5	M10	34.1	11.5	8.3	55	28.6	60.3	34.9
205	7/8	1.4	1-3/16	4-7/8	1-33/64	3-57/64	0.138	7/16	1-1/4	29/64	23/64	2.3622	1-21/64	2-3/4	1-9/16
	15/16	1.4													
	1	1.4													
	25mm	0.6	30.2	123.8	38.3	98.8	3.5	M10	34.8	11.5	9.1	60	33.7	69.9	39.7
206	1-1/8	1.8	1-25/64	5-9/16	1-49/64	4-19/32	0.118	7/16	1-21/32	1/2	25/64	3.1496	1-37/64	3-1/4	1-3/4
	1-3/16	1.8													
	1-1/4	1.8													
	30mm	0.8	35.3	141.3	44.8	116.7	3.0	M10	41.8	12.7	9.9	80	40.1	82.6	44.5
207	1-1/4	2.7	1-17/32	6-1/8	1-55/64	5-1/8	0.158	1/2	1-45/64	31/64	17/32	3.5433	1-27/32	3-3/4	1-57/64
	1-3/8	2.6													
	1-7/16	2.6													
	35mm	1.2	38.9	155.6	47.2	130.2	4.0	M12	43.2	12.3	13.5	90	46.8	95.3	48.0
208	1-1/2	3.9	1-11/16	6-3/4	2-3/64	5-21/32	0.158	1/2	1-57/64	1/2	1/2	3.9370	2-3/64	4-1/8	1-7/8
	1-5/8	3.8													
	40mm	1.7	42.9	171.5	51.8	143.7	4.0	M12	48.0	12.7	12.7	100	52.0	104.8	47.6
209	1-5/8	4.2	1-23/32	7-1/16	2-5/64	5-27/32	0.158	9/16	1-59/64	31/64	17/32	4.1339	2-7/32	4-3/8	1-31/32
	1-11/16	4.1													
	1-3/4	4.1													
	45mm	2.5	43.7	179.4	52.86	148.4	4.0	M12	48.8	12.3	13.5	105	56.4	111.1	50.0
210	1-15/16	3.6	1-3/4	7-7/16	2-17/64	6-3/16	0.158	9/16	2-7/64	5/8	1/2	4.1339	2-7/16	4-9/16	2-1/32
	2	4.4													
	50mm	2.6	44.5	188.9	57.4	157.2	4.0	M16	53.4	15.9	12.7	105	61.9	115.9	51.6

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SCM MEDIUM DUTY 2-BOLT FLANGE BEARINGS



Series	Shaft Size	Standard		Sealed for Life		With Flingers	
		Part No.	Description	Part No.	Description	Part No.	Description
206	1 25mm	126284	F2B-SCM-100	@	F2B-SCM-100-NL	052616	F2B-SCM-100-FF
		125954	F2B-SCM-25M	@	F2B-SCM-25M-NL	@	F2B-SCM-25M-FF
207	1-3/16 1-1/4 30mm	126285	F2B-SCM-103	@	F2B-SCM-103-NL	@	F2B-SCM-103-FF
		124276	F2B-SC-104	126518	F2B-SC-104-NL	052664	F2B-SC-104-FF
		125955	F2B-SCM-30M	@	F2B-SCM-30M-NL	@	F2B-SCM-30M-FF
208	1-7/16 35mm	126287	F2B-SCM-107	@	F2B-SCM-107-NL	056645	F2B-SCM-107-FF
		125956	F2B-SCM-35M	@	F2B-SCM-35M-NL	@	F2B-SCM-35M-FF
209	1-1/2 1-5/8 40mm	126288	F2B-SCM-108	126536	F2B-SCM-108-NL	@	F2B-SCM-108-FF
		125171	F2B-SC-110L	@	F2B-SC-110L-NL	@	F2B-SC-110L-FF
		125957	F2B-SCM-40M	@	F2B-SCM-40M-NL	@	F2B-SCM-40M-FF
210	1-11/16 1-3/4 45mm	126289	F2B-SCM-111	@	F2B-SCM-111-NL	@	F2B-SCM-111-FF
		126290	F2B-SCM-112	@	F2B-SCM-112-NL	@	F2B-SCM-112-FF
		125958	F2B-SCM-45M	@	F2B-SCM-45M-NL	@	F2B-SCM-45M-FF
211	1-15/16 2 50mm	126292	F2B-SCM-115	@	F2B-SCM-115-NL	@	F2B-SCM-115-FF
		126293	F2B-SCM-200	@	F2B-SCM-200-NL	058986	F2B-SCM-200-FF
		125960	F2B-SCM-50M	@	F2B-SCM-50M-NL	@	F2B-SCM-50M-FF
212	2-3/16 2-1/4 55mm	@	F2B-SCM-203	@	F2B-SCM-203-NL	@	F2B-SCM-203-FF
		@	F2B-SCM-204	@	F2B-SCM-204-NL	@	F2B-SCM-204-FF
		@	F2B-SCM-55M	@	F2B-SCM-55M-NL	@	F2B-SCM-55M-FF

@ Assembled to order

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SCM MEDIUM DUTY 2-BOLT FLANGE BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

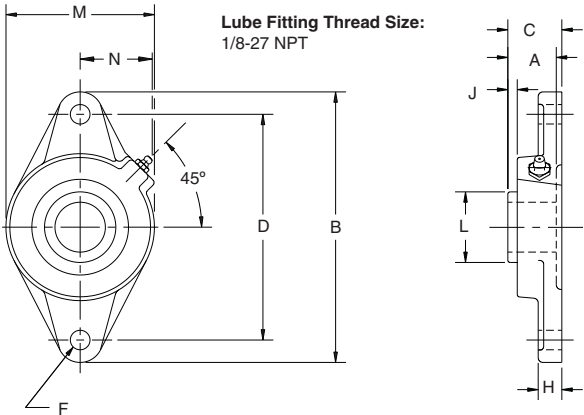
Series	Shaft Size	Weight lbs. kgs	A	B	C	D	F Bolt Dia.	H	J	L	M	N
206	1	2.4	1-25/64	5-9/16	1-17/32	4-19/32	7/16	1/2	15/32	1-37/64	3-1/8	1-9/16
	25mm	1.0	35.3	141.3	38.8	116.7	M12	12.7	11.6	40.1	79.4	39.7
207	1-3/16	3.6	1-17/32	6-1/8	1-3/4	5-1/8	1/2	9/16	17/32	1-27/32	3-3/4	1-27/32
	1-1/4	3.5										
	30mm	1.6	38.9	155.6	44.5	130.2	M12	14.3	13.4	46.8	95.3	46.8
208	1-7/16	4.1	1-11/16	6-3/4	1-7/8	5-21/32	1/2	9/16	17/32	2-3/64	4-1/8	1-53/64
	35mm	1.9	42.9	171.5	47.5	143.7	M12	14.3	13.4	52.0	104.8	46.4
209	1-1/2	5.3	1-23/32	7-1/16	1-15/16	5-27/32	1/2	5/8	17/32	2-7/32	4-3/8	1-29/32
	1-5/8	5.2										
	40mm	2.3	43.7	179.4	49.2	148.4	M14	15.9	13.4	56.4	111.1	48.4
210	1-11/16	5.8	1-3/4	7-7/16	2	6-3/16	1/2	5/8	17/32	2-7/16	4-9/16	2-1/32
	1-3/4	5.6										
	45mm	2.6	44.5	188.9	50.7	157.2	M16	15.9	13.4	61.9	115.9	51.6
211	1-15/16	6.7	1-27/32	8-5/8	2-5/32	7-1/4	5/8	11/16	9/16	2-23/32	5-1/4	2-17/64
	2	6.5										
	50mm	2.9	46.8	219.1	54.8	184.2	M16	17.5	14.3	69.1	133.4	57.5
212	2-3/16	7.4	1-63/64	9-13/16	2-9/32	7-61/64	7/8	13/16	9/16	2-31/32	5-1/2	2-15/32
	2-1/4	7.2										
	55mm	3.2	50.4	249.2	57.9	202.0	M22	20.6	14.3	75.4	139.7	62.7

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SCMAH MEDIUM DUTY AIR HANDLING 2-BOLT FLANGE BEARINGS



Series	Shaft Size	Part No.	Standard Description
206	1	050498	F2B-SCMAH-100
	25mm	@	F2B-SCMAH-25M
207	1-3/16	050146	F2B-SCMAH-103
	1-1/4	123733	F2B-SCAH-104
	30mm	@	F2B-SCMAH-30M
208	1-7/16	123755	F2B-SCMAH-107
	35mm	@	F2B-SCMAH-35M
209	1-1/2	@	F2B-SCMAH-108
	1-5/8	@	F2B-SCAH-110L
	40mm	@	F2B-SCMAH-40M
210	1-11/16	123757	F2B-SCMAH-111
	1-3/4	123758	F2B-SCMAH-112
	45mm	@	F2B-SCMAH-45M
211	1-15/16	064198	F2B-SCMAH-115
	2	@	F2B-SCMAH-200
	50mm	@	F2B-SCMAH-50M
212	2-3/16	@	F2B-SCMAH-203
	2-1/4	@	F2B-SCMAH-204
	55mm	@	F2B-SCMAH-55M

@ Assembled to order

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings

SCMAH MEDIUM DUTY AIR HANDLING 2-BOLT FLANGE BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

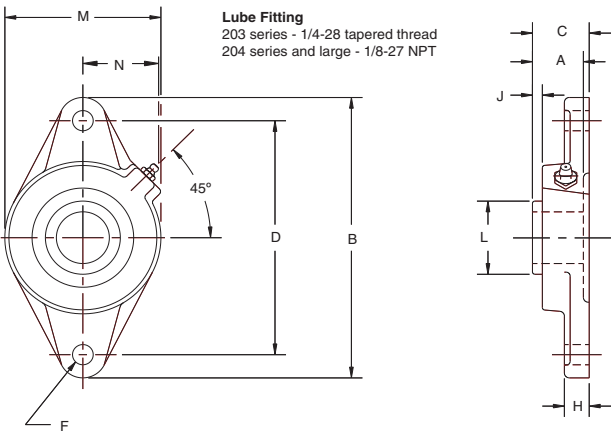
Series	Shaft Size	Weight lbs kg	A	B	C	D	F Bolt Dia.	H	J	L	M	N
206	1	2.4	1-25/64	5-9/16	1-17/32	4-19/32	7/16	1/2	15/32	1-37/64	3-1/8	1-9/16
	25mm	1.0	35.3	141.3	38.8	116.7	M12	12.7	11.6	40.1	79.4	39.7
207	1-3/16	3.6	1-17/32	6-1/8	1-3/4	5-1/8	1/2	9/16	17/32	1-27/32	3-3/4	1-27/32
	1-1/4	3.5										
	30mm	1.6	38.9	155.6	44.5	130.2	M12	14.3	13.4	46.8	95.3	46.8
208	1-7/16	4.1	1-11/16	6-3/4	1-7/8	5-21/32	1/2	9/16	17/32	2-3/64	4-1/8	1-53/64
	35mm	1.9	42.9	171.5	47.5	143.7	M12	14.3	13.4	52.0	104.8	46.4
209	1-1/2	5.3	1-23/32	7-1/16	1-15/16	5-27/32	1/2	5/8	17/32	2-7/32	4-3/8	1-29/32
	1-5/8	5.2										
	40mm	2.3	43.7	179.4	49.2	148.4	M14	15.9	13.4	56.4	111.1	48.4
210	1-11/16	5.8	1-3/4	7-7/16	2	6-3/16	1/2	5/8	17/32	2-7/16	4-9/16	2-1/32
	1-3/4	5.6										
	45mm	2.6	44.5	188.9	50.7	157.2	M16	15.9	13.4	61.9	115.9	51.6
211	1-15/16	6.7	1-27/32	8-5/8	2-5/32	7-1/4	5/8	11/16	9/16	2-23/32	5-1/4	2-17/64
	2	6.5										
	50mm	2.9	46.8	219.1	54.8	184.2	M16	17.5	14.3	69.1	133.4	57.5
212	2-3/16	7.4	1-63/64	9-13/16	2-9/32	7-61/64	7/8	13/16	9/16	2-31/32	5-1/2	2-15/32
	2-1/4	7.2										
	55mm	3.2	50.4	249.2	57.9	202.0	M22	20.6	14.3	75.4	139.7	62.7

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings VSC INTERMEDIATE DUTY 2-BOLT FLANGE BEARINGS



Series	Shaft Size	Standard		No-Lube/Sealed for Life (-NL)	
		Part No.	Description	Part No.	Description
203	1/2	125516	F2B-VSC-008	@	F2B-VSC-008-NL
	5/8	125517	F2B-VSC-010	@	F2B-VSC-010-NL
	17mm	125703	F2B-VSC-17M	@	F2B-VSC-17M-NL
204	3/4	123610	F2B-VSC-012	057854	F2B-VSC-012-NL
	20mm	125704	F2B-VSC-20M	@	F2B-VSC-20M-NL
205	7/8	125518	F2B-VSC-014	@	F2B-VSC-014-NL
	15/16	125519	F2B-VSC-015	@	F2B-VSC-015-NL
	1	123611	F2B-VSC-100	050778	F2B-VSC-100-NL
	25mm	125705	F2B-VSC-25M	@	F2B-VSC-25M-NL
206	1-1/8	125520	F2B-VSC-102	@	F2B-VSC-102-NL
	1-3/16	123612	F2B-VSC-103	050840	F2B-VSC-103-NL
	1-1/4	123618	F2B-VSC-104S	051888	F2B-VSC-104S-NL
	30mm	125752	F2B-VSC-30M	@	F2B-VSC-30M-NL
207	1-1/4	123613	F2B-VSC-104	@	F2B-VSC-104-NL
	1-3/8	125521	F2B-VSC-106	049468	F2B-VSC-106-NL
	1-7/16	123614	F2B-VSC-107	051699	F2B-VSC-107-NL
	35mm	125706	F2B-VSC-35M	@	F2B-VSC-35M-NL
208	1-1/2	123615	F2B-VSC-108	@	F2B-VSC-108-NL
	40mm	125707	F2B-VSC-40M	@	F2B-VSC-40M-NL
209	1-11/16	125522	F2B-VSC-111	050842	F2B-VSC-111-NL
	1-3/4	125523	F2B-VSC-112	049892	F2B-VSC-112-NL
	45mm	125708	F2B-VSC-45M	@	F2B-VSC-45M-NL
210	1-15/16	123616	F2B-VSC-115	059811	F2B-VSC-115-NL
	2	123617	F2B-VSC-200	056727	F2B-VSC-200-NL
	50mm	125709	F2B-VSC-50M	@	F2B-VSC-50M-NL
211	2	123694	F2B-VSC-200L	@	F2B-VSC-200L-NL
	2-3/16	123619	F2B-VSC-203	@	F2B-VSC-203-NL
	55mm	125710	F2B-VSC-55M	@	F2B-VSC-55M-NL

@Assembled to order

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings

VSC INTERMEDIATE DUTY 2-BOLT FLANGE BEARINGS

Series	Shaft Size	Weight lbs. kg.	A	B	C	D	F Bolt Dia.	H	J	L	M	N
203	1/2	0.8	15/16	3-7/8	1-3/16	3	3/8	3/8	11/32	31/32	2-1/8	1-1/8
	5/8	0.7										
	17mm	0.36	23.8	98.4	30.2	76.2	M10	9.5	8.7	24.6	54.0	28.6
204	3/4	1.4	1-1/16	4-13/32	1-3/8	3-17/32	3/8	1/2	25/64	1-1/8	2-3/8	1-1/2
	20mm	0.63	27.0	111.9	34.9	89.7	M10	12.7	9.9	28.6	60.3	38.1
205	7/8	1.6	1-3/32	4-7/8	1-11/32	3-57/64	7/16	1/2	25/64	1-21/64	2-3/4	1-7/16
	15/16	1.5										
	1	1.4										
206	25mm	0.67	27.8	123.8	34.1	98.8	M10	12.7	9.9	33.7	69.9	36.5
	1-1/8	2.2	1-19/64	5-9/16	1-17/32	4-19/32	7/16	1/2	15/32	1-37/64	3-1/8	1-9/16
	1-3/16	2.1										
207	1-1/4	3.5	1-7/16	6-1/8	1-3/4	5-1/8	1/2	9/16	17/32	1-27/32	3-3/4	1-27/32
	1-3/8	3.3										
	1-7/16	3.2										
208	35mm	1.43	36.5	155.6	44.5	130.2	M12	14.3	13.5	46.8	95.3	46.8
	1-1/2	4.1	1-9/16	6-3/4	1-7/8	5-21/32	1/2	9/16	17/32	2-3/64	4-1/8	1-53/64
	40mm	1.83	39.7	171.5	47.6	143.7	M12	14.3	13.5	52.0	104.8	46.4
209	1-11/16	5.0	1-19/32	7-1/16	1-15/16	5-27/32	1/2	5/8	17/32	2-7/32	4-3/8	1-29/32
	1-3/4	4.9										
	45mm	2.23	40.5	179.4	49.20	148.4	M14	15.9	13.5	56.4	111.1	48.4
210	1-15/16	5.4	1-5/8	7-7/16	2	6-3/16	1/2	5/8	17/32	2-7/16	4-9/16	2-1/32
	2	5.2										
	50mm	2.41	40.5	188.9	50.8	157.2	M16	15.9	13.5	61.9	115.9	51.6
211	2	6.7	1-23/32	8-5/8	2-5/32	7-1/4	5/8	11/16	9/16	2-23/32	5-1/4	2-17/64
	2-3/16	6.5										
	55mm	2.99	41.3	219.1	54.8	184.2	M16	17.5	14.3	69.1	133.4	57.5

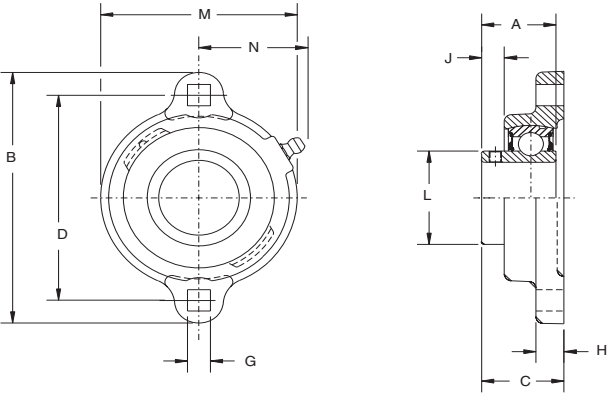
FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SC LFT NORMAL DUTY 2-BOLT FLANGE BEARINGS

Lube Fitting Thread Size:
1/4-28 Tapered Thread



Series	Shaft Size	Standard		Sealed for Life (No Lube)	
		Part No.	Description	Part No.	Description
203	1/2	124640	LFT-SC-008	124660	LFT-SC-008-NL
	5/8	124641	LFT-SC-010	124661	LFT-SC-010-NL
	17mm	130362	LFT-SC-17M	@	LFT-SC-17M-NL
204	3/4	124642	LFT-SC-012	124662	LFT-SC-012-NL
	20mm	130363	LFT-SC-20M	@	LFT-SC-20M-NL
205	7/8	124643	LFT-SC-014	124663	LFT-SC-014-NL
	15/16	124644	LFT-SC-015	124664	LFT-SC-015-NL
	1	124645	LFT-SC-100	124665	LFT-SC-100-NL
	25mm	130364	LFT-SC-25M	@	LFT-SC-25M-NL
206	1-1/16	124646	LFT-SC-101	124666	LFT-SC-101-NL
	1-1/8	124647	LFT-SC-102	124667	LFT-SC-102-NL
	1-3/16	124648	LFT-SC-103	124668	LFT-SC-103-NL
	1-1/4	124649	LFT-SC-104S	124669	LFT-SC-104S-NL
	30mm	130365	LFT-SC-30M	@	LFT-SC-30M-NL
207	1-1/4	124650	LFT-SC-104	124670	LFT-SC-104-NL
	1-5/16	124651	LFT-SC-105	124671	LFT-SC-105-NL
	1-3/8	124652	LFT-SC-106	124672	LFT-SC-106-NL
	1-7/16	124653	LFT-SC-107	124673	LFT-SC-107-NL
	35mm	130366	LFT-SC-35M	@	LFT-SC-35M-NL

* No lube fitting required in the SCLFT NoLube

@ Assembled to order.

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SC LFT NORMAL DUTY 2-BOLT FLANGE BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs kgs	A	B	C	D	G	H	J	L	M	N*
203	1/2	0.60	1	3-3/16	1-3/64	2-1/2	9/32	3/8	21/64	31/32	2-1/8	1-15/64
	5/8	0.55										
	17mm	0.27										
204	3/4	0.80	1-5/32	3-9/16	1-7/32	2-13/16	11/32	27/64	3/8	1-1/8	2-3/8	1-11/32
	20mm	0.36	29.4	90.5	31.0	71.4	8.7	10.7	9.5	28.6	60.3	34.1
205	7/8	0.95	1-3/16	3-3/4	1-1/4	3	11/32	27/64	3/8	1-21/64	2-5/8	1-7/16
	15/16	0.90										
	1	0.85										
	25mm	0.43										
206	1-1/16	1.50	1-25/64	4-7/16	1-15/32	3-9/16	13/32	15/32	15/32	1-37/64	3-1/4	1-23/32
	1-1/8	1.45										
	1-3/16	1.40										
	1-1/4	1.35										
	30mm	0.67										
207	1-1/4	1.85	1-17/32	4-13/16	1-19/32	3-15/16	13/32	1/2	17/32	1-27/32	3-1/2	1-53/64
	1-5/16	1.80										
	1-3/8	1.75										
	1-7/16	1.70										
	35mm	0.81										

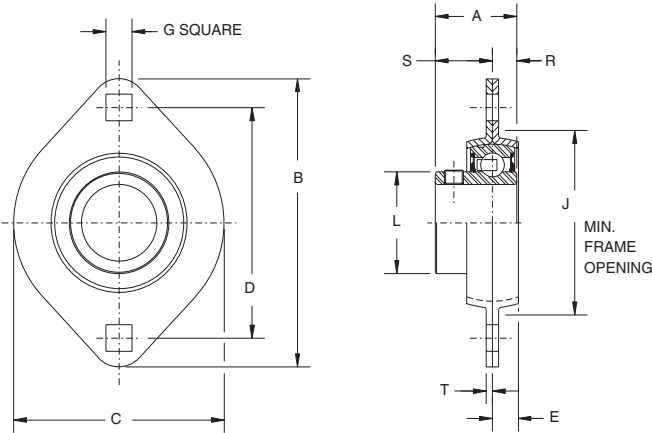
* No lube fitting required in the SCLFT NoLube

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SL LIGHT DUTY 2-BOLT FLANGE BEARINGS



Series	Shaft Size	Part No.	Description
203	1/2	128151	F2B-SL-008
	5/8	128154	F2B-SL-010
	17mm	@	F2B-SL-17M
204	3/4	128092	F2B-SL-012
	20mm	@	F2B-SL-20M
205	7/8	128174	F2B-SL-014
	15/16	128175	F2B-SL-015
	1	128093	F2B-SL-100
	25mm	@	F2B-SL-25M
206	1-1/8	128176	F2B-SL-102
	1-3/16	128094	F2B-SL-103
	1-1/4	128097	F2B-SL-104S
	30mm	@	F2B-SL-30M
207	1-1/4	128095	F2B-SL-104
	1-3/8	128177	F2B-SL-106
	1-7/16	128096	F2B-SL-107
	35mm	@	F2B-SL-35M

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SL LIGHT DUTY 2-BOLT FLANGE BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs. kg	A	B	C	D	E	G*	J	L	R	S	T	Housing Radial Load Rating (lbs) N
203	1/2	0.45	15/16	3-3/16	2-5/16	2-1/2	9/32	9/32	1-15/16	31/32	19/64	41/64	0.075	600
	5/8	0.42												
	17mm	0.20	23.8	81.0	58.7	63.5	7.1	7.1	49.2	24.6	7.5	16.3	1.9	2,668
204	3/4	0.55	1-1/16	3-9/16	2-5/8	2-13/16	5/16	11/32	2-3/16	1-1/8	21/64	47/64	0.083	700
	20mm	0.25	27.0	90.5	66.7	71.4	7.9	8.7	55.6	28.6	8.3	18.7	2.1	3,112
205	7/8	0.81	1-3/32	3-3/4	2-51/64	3	11/32	11/32	2-3/8	1-21/64	21/64	49/64	0.083	800
	15/16	0.77												
	1	0.65												
	25mm	.34	27.8	95.3	71.0	76.2	8.7	8.7	60.3	33.7	8.3	19.4	2.1	3,557
206	1-1/8	1.05	1-19/64	4-7/16	3-5/16	3-9/16	11/32	13/32	2-13/16	1-37/64	25/64	29/32	0.104	1,100
	1-3/16	1.02												
	1-1/4	1.00												
	30mm	0.46	32.9	112.7	84.1	90.5	8.7	10.3	71.4	40.1	9.9	23.0	2.6	4,891
207	1-1/4	1.53	1-7/16	4-15/16	3-11/16	3-15/16	7/16	13/32	3-3/16	1-27/32	13/32	1-1/32	0.104	1,400
	1-3/8	1.50												
	1-7/16	1.37												
	35mm	0.67	36.5	125.4	93.7	100.0	11.1	10.3	81.0	46.8	10.3	26.2	2.6	6,225

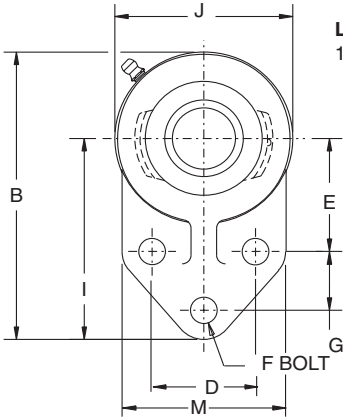
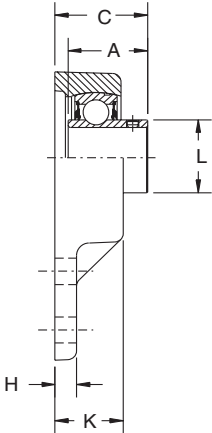
* Mounting bolt holes will accept either carriage or machine bolts

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SC FB NORMAL DUTY 3-BOLT FLANGED BRACKET BEARINGS



Lube Fitting Thread Size:
1/8-27 NPT

Series	Shaft Size	Standard		No Lube/Sealed for Life (-NL)		With Flingers	
		Part No.	Description	Part No.	Description	Part No.	Description
204	1/2	124435	FB-SC-008	@	FB-SC-008-NL	@	FB-SC-008-FF
	5/8	124436	FB-SC-010	059816	FB-SC-010-NL	@	FB-SC-010-FF
	3/4	124437	FB-SC-012	058544	FB-SC-012-NL	049726	FB-SC-012-FF
205	7/8	124438	FB-SC-014	056765	FB-SC-014-NL	@	FB-SC-014-FF
	15/16	124439	FB-SC-015	@	FB-SC-015-NL	@	FB-SC-015-FF
	1	124440	FB-SC-100	051774	FB-SC-100-NL	@	FB-SC-100-FF
206	1-1/16	124441	FB-SC-101	@	FB-SC-101-NL	@	FB-SC-101-FF
	1-1/8	124442	FB-SC-102	@	FB-SC-102-NL	@	FB-SC-102-FF
	1-3/16	124443	FB-SC-103	049615	FB-SC-103-NL	@	FB-SC-103-FF
	1-1/4	124444	FB-SC-104S	124450	FB-SC-104S-NL	054263	FB-SC-104S-FF
207	1-1/4	124445	FB-SC-104	058545	FB-SC-104-NL	@	FB-SC-104-FF
	1-5/16	124446	FB-SC-105	@	FB-SC-105-NL	@	FB-SC-105-FF
	1-3/8	124447	FB-SC-106	@	FB-SC-106-NL	@	FB-SC-106-FF
	1-7/16	124448	FB-SC-107	052016	FB-SC-107-NL	124449	FB-SC-107-FF
210	1-11/16	052906	FB-SCM-111	@	FB-SCM-111-NL	@	FB-SCM-111-FF
	1-15/16	052094	FB-SC-115	@	FB-SC-115-NL	@	FB-SC-115-FF
	2	058529	FB-SC-200	@	FB-SC-200-NL	@	FB-SC-200-FF

@ Assembled to order.

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings

SC FB NORMAL DUTY 3-BOLT FLANGED BRACKET BEARINGS

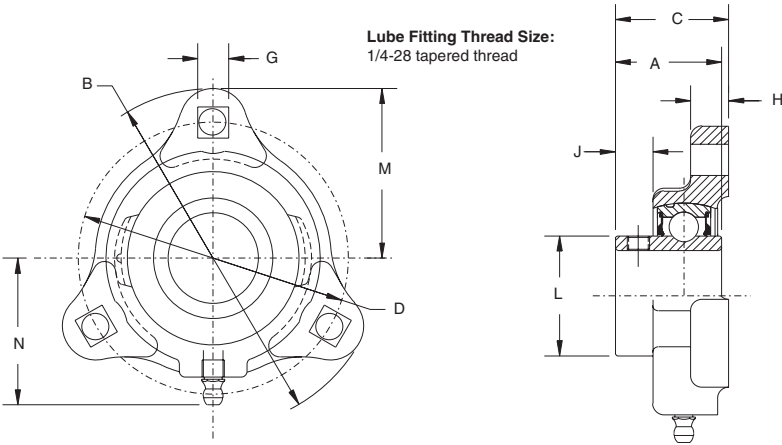
Series	Shaft Size	Weight lbs	A	B	C	D	E	F Bolt Dia.	G	H	I	J	K	L	M
204	1/2	1.51	1-5/32	4-1/4	1-11/32	1-1/2	1-11/16	3/8	7/8	5/16	3	2-1/2	63/64	1-1/8	2-3/8
	5/8	1.48													
	3/4	1.45													
205	7/8	1.81	1-3/16	4-3/4	1-1/2	1-5/8	1-13/16	3/8	1-1/8	3/8	3-3/8	2-3/4	1-7/64	1-21/64	2-1/2
	15/16	1.78													
	1	1.75													
206	1-1/16	2.12	1-25/64	5-3/8	1-5/8	1-7/8	2-1/16	3/8	1-1/4	3/8	3-3/4	3-1/4	1-1/8	1-37/64	2-3/4
	1-1/8	2.08													
	1-3/16	2.05													
	1-1/4	2.02													
207	1-1/4	3.46	1-17/32	6-1/8	1-7/8	2	2-3/8	1/2	1-1/4	1/2	4-1/4	3-3/4	1-5/16	1-27/32	3-1/4
	1-5/16	3.41													
	1-3/8	3.36													
	1-7/16	3.30													
210	1-11/16	5.70	1-3/4	7-1/2	2-1/32	2-3/4	2-15/16	1/2	1-5/8	1/2	5-3/16	4-5/8	1-1/2	2-7/16	4
	1-15/16	5.50													
	2	5.40													

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SC LF NORMAL DUTY 3-BOLT FLANGE BEARINGS



Series	Shaft Size	Standard		Sealed for Life (No Lube)	
		Part No.	Description	Part No.	Description
203	1/2	124600	LF-SC-008	124620	LF-SC-008-NL
	5/8	124601	LF-SC-010	124621	LF-SC-010-NL
	17 mm	050895	LF-SC-17M		LF-SC-17M-NL
204	3/4	124602	LF-SC-012	124622	LF-SC-012-NL
	20 mm	124934	LF-SC-20M	125384	LF-SC-20M-NL
205	7/8	124603	LF-SC-014	124623	LF-SC-014-NL
	15/16	124604	LF-SC-015	124624	LF-SC-015-NL
	1	124605	LF-SC-100	124625	LF-SC-100-NL
	25 mm	@	LF-SC-25M	@	LF-SC-25M-NL
206	1-1/16	124606	LF-SC-101	124626	LF-SC-101-NL
	1-1/8	124607	LF-SC-102	124627	LF-SC-102-NL
	1-3/16	124608	LF-SC-103	124628	LF-SC-103-NL
	1-1/4	124609	LF-SC-104S	124629	LF-SC-104S-NL
	30 mm	@	LF-SC-30M	@	LF-SC-30M-NL
207	1-1/4	124610	LF-SC-104	124630	LF-SC-104-NL
	1-5/16	124611	LF-SC-105	124631	LF-SC-105-NL
	1-3/8	124612	LF-SC-106	124632	LF-SC-106-NL
	1-7/16	124613	LF-SC-107	124633	LF-SC-107-NL
	35 mm	@	LF-SC-35M	@	LF-SC-35M-NL

@ Assembled to order.

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SC LF NORMAL DUTY 3-BOLT FLANGE BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs kg	A	B	C	D	G	H	J	L	M	N
203	1/2	0.65	1	3-3/16	1-3/64	2-1/2	9/32	3/8	21/64	31/32	1-19/32	1-27/32
	5/8	0.60										
	17 mm	0.29	25.4	81.0	27.0	63.5	7.5	9.5	8.7	24.6	40.5	46.8
204	3/4	0.85	1-5/32	3-9/16	1-7/32	2-13/16	23/64	27/64	3/8	1-1/8	1-25/32	1-37/64
	20 mm	0.38	29.4	90.5	31.0	71.4	9.1	10.7	9.5	28.6	45.2	40.1
205	7/8	1.10	1-3/16	3-3/4	1-1/4	3	11/32	27/64	3/8	1-21/64	1-7/8	1-45/64
	15/16	1.05										
	1	1.00										
206	25 mm	0.47	30.2	95.3	31.8	76.2	8.7	10.7	10.3	33.7	47.6	43.3
	1-1/16	1.65	1-25/64	4-7/16	1-15/32	3-9/16	13/32	15/32	15/32	1-37/64	2-7/32	2-1/64
	1-1/8	1.60										
	1-3/16	1.55										
	1 -/4	1.50										
207	30 mm	0.70	35.3	112.7	37.3	90.5	10.3	11.9	13.5	40.1	56.4	51.2
	1-1/4	2.10	1-17/32	4-13/16	1-19/32	3-15/16	13/32	1/2	17/32	1-27/32	2-13/32	2-9/64
	1-5/16	2.05										
	1-3/8	2.00										
	1-7/16	1.95										
207	35 mm	0.90	38.9	122.2	40.5	100.0	10.3	12.7	13.5	46.8	61.1	54.4

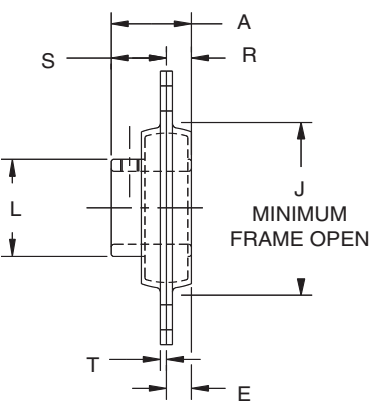
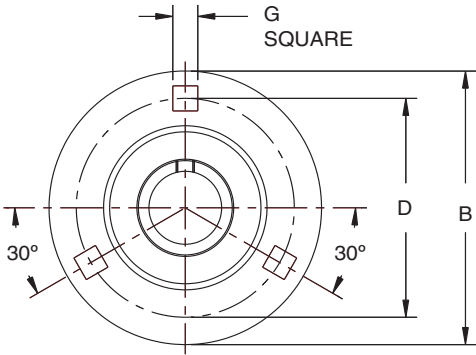
* No lube fitting required in the SC LFT No Lube

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SL LIGHT DUTY 3-BOLT FLANGE BEARINGS



Series	Shaft Size	Part No.	Description
204	3/4 20mm	128083 @	F3B-SL-012 F3B-SL-20M
205	7/8 15/16 1 25mm	128178 128179 128084 @	F3B-SL-014 F3B-SL-015 F3B-SL-100 F3B-SL-25M
206	1-1/8 1-3/16 1-1/4 30mm	128180 128085 128082 @	F3B-SL-102 F3B-SL-103 F3B-SL-104S F3B-SL-30M
207	1-1/4 1-3/8 1-7/16 35mm	128086 128181 128087 @	F3B-SL-104 F3B-SL-106 F3B-SL-107 F3B-SL-35M

@ Assembled to order.

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SL LIGHT DUTY 3-BOLT FLANGE BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs. kg	A	B	D	E	G*	J	L	R	S	T	Housing Radial Load Rating (lbs) N
204	3/4	0.74	1-1/16	3-9/16	2-13/16	5/16	11/32	2-3/16	1-1/8	21/64	47/64	0.083	700
	20mm	0.33	27.0	90.5	71.4	7.9	8.7	55.6	90.5	71.4	7.9	2.1	3,112
205	7/8	1.01	1-3/32	3-3/4	3	11/32	11/32	2-3/8	1-21/64	21/64	49/64	0.083	800
	15/16	0.97											
	1	0.85											
	25mm	0.43	27.8	95.3	76.2	8.7	8.7	60.3	33.7	8.3	19.4	2.1	3,557
206	1-1/8	1.39	1-19/64	4-7/16	3-9/16	11/32	13/32	2-13/16	1-37/64	25/64	29/32	0.104	1,100
	1-3/16	1.36											
	1-1/4	1.34											
	30mm	0.61	32.9	112.7	90.5	8.7	10.3	71.4	40.1	9.9	23.0	2.6	4,891
207	1-1/4	1.89	1-7/16	4-15/16	3-15/16	7/16	13/32	3-3/16	1-27/32	13/32	1-1/32	0.104	1,400
	1-3/8	1.86											
	1-7/16	1.73											
	35mm	0.83	36.5	125.4	100.1	11.1	10.3	81.0	46.8	10.3	26.2	2.6	6,225

* Mounting bolt holes will accept either carriage or machine bolts.

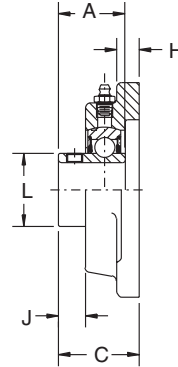
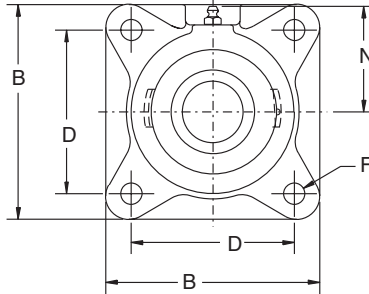
FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SC NORMAL DUTY 4-BOLT FLANGE BEARINGS

Lube Fitting Thread Size:
203 series - 1/4-28 tapered thread
204 series and larger - 1/8-27 NPT



Series	Shaft Size	Standard		No-Lube/Sealed for Life (-NL)		With Flingers	
		Part No.	Description	Part No.	Description	Part No.	Description
203	1/2	124048	F4B-SC-008	@	F4B-SC-008-NL	@	F4B-SC-008-FF
	5/8	124049	F4B-SC-010	@	F4B-SC-010-NL	@	F4B-SC-010-FF
	17mm	125885	F4B-SC-17M	@	F4B-SC-17M-NL	@	F4B-SC-17M-FF
204	1/2	124098	F4B-SC-008L	@	F4B-SC-008L-NL	@	F4B-SC-008L-FF
	5/8	124099	F4B-SC-010L	@	F4B-SC-010L-NL	054528	F4B-SC-010L-FF
	3/4	124100	F4B-SC-012	052010	F4B-SC-012-NL	050917	F4B-SC-012-FF
	13/16	124567	F4B-SC-013	@	F4B-SC-013-NL	@	F4B-SC-013-FF
	20mm	125886	F4B-SC-20M	@	F4B-SC-20M-NL	@	F4B-SC-20M-FF
205	7/8	124101	F4B-SC-014	@	F4B-SC-014-NL	@	F4B-SC-014-FF
	15/16	124102	F4B-SC-015	126524	F4B-SC-015-NL	@	F4B-SC-015-FF
	1	124103	F4B-SC-100	126525	F4B-SC-100-NL	123007	F4B-SC-100-FF
	25mm	125887	F4B-SC-25M	@	F4B-SC-25M-NL	@	F4B-SC-25M-FF
206	1-1/16	124218	F4B-SC-101	@	F4B-SC-101-NL	@	F4B-SC-101-FF
	1-1/8	124204	F4B-SC-102	126526	F4B-SC-102-NL	125156	F4B-SC-102-FF
	1-3/16	124205	F4B-SC-103	050834	F4B-SC-103-NL	125148	F4B-SC-103-FF
	1-1/4	123173	F4B-SC-104S	051987	F4B-SC-104S-NL	@	F4B-SC-104S-FF
	30mm	125888	F4B-SC-30M	@	F4B-SC-30M-NL	@	F4B-SC-30M-FF
207	1-1/4	124206	F4B-SC-104	126528	F4B-SC-104-NL	052508	F4B-SC-104-FF
	1-5/16	124219	F4B-SC-105	@	F4B-SC-105-NL	@	F4B-SC-105-FF
	1-3/8	124207	F4B-SC-106	052009	F4B-SC-106-NL	056757	F4B-SC-106-FF
	1-7/16	124208	F4B-SC-107	050835	F4B-SC-107-NL	057696	F4B-SC-107-FF
	35mm	125889	F4B-SC-35M	@	F4B-SC-35M-NL	@	F4B-SC-35M-FF

@ Assembled to order

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SC NORMAL DUTY 4-BOLT FLANGE BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs. kgs.	A	B	C	D	F Bolt Dia.	H	J	L	N
203	1/2	1.1	1	3	1-3/16	2-1/8	3/8	7/16	11/32	31/32	1-11/16
	5/8	1.0									
	17mm	0.5	25.4	76.2	30.2	54.0	M10	11.1	8.7	24.6	42.9
204	1/2	1.8	1-5/32	3-3/8	1-3/8	2-1/2	3/8	7/16	25/64	1-1/8	1-15/16
	5/8	1.7									
	3/4	1.6									
	13/16	1.5									
	20mm	0.8	29.4	85.7	34.9	63.5	M10	11.1	9.9	28.6	49.2
205	7/8	2.0	1-3/16	3-3/4	1-23/64	2-3/4	7/16	1/2	25/64	1-21/64	2-1/16
	15/16	1.9									
	1	1.8									
	25mm	0.9	30.2	95.3	34.5	69.9	M10	12.7	9.9	33.7	52.4
206	1-1/16	2.9	1-25/64	4-1/4	1-17/32	3-1/4	7/16	1/2	15/32	1-37/64	2-3/16
	1-1/8	2.8									
	1-3/16	2.7									
	1-1/4	2.6									
	30mm	1.3	35.3	108.0	38.9	82.6	M10	12.7	11.9	40.1	55.6
207	1-1/4	4.0	1-17/32	4-3/4	1-3/4	3-5/8	1/2	9/16	17/32	1-27/32	2-7/16
	1-5/16	3.9									
	1-3/8	3.8									
	1-7/16	3.7									
	35mm	1.7	38.9	120.7	44.5	92.1	M12	14.3	13.5	46.8	61.9

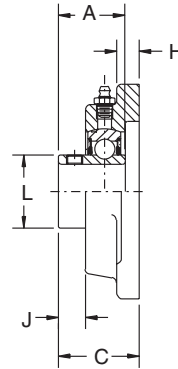
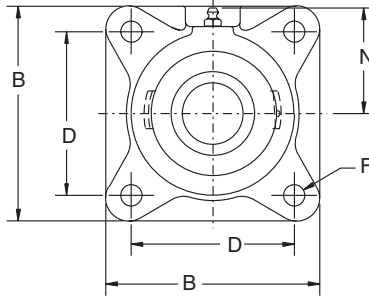
FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SC NORMAL DUTY 4-BOLT FLANGE BEARINGS

Lube Fitting Thread Size:
203 series - 1/4-28 tapered thread
204 series and larger - 1/8-27 NPT



Series	Shaft Size	Standard		No-Lube/Sealed for Life (-NL)		With Flingers	
		Part No.	Description	Part No.	Description	Part No.	Description
208	1-1/2	124209	F4B-SC-108	051991	F4B-SC-108-NL	054523	F4B-SC-108-FF
	1-5/8	124210	F4B-SC-110	052008	F4B-SC-110-NL	@	F4B-SC-110-FF
	40mm	125890	F4B-SC-40M	@	F4B-SC-40M-NL	@	F4B-SC-40M-FF
209	1-5/8	125170	F4B-SC-110L	@	F4B-SC-110L-NL	@	F4B-SC-110L-FF
	1-11/16	124211	F4B-SC-111	064214	F4B-SC-111-NL	057850	F4B-SC-111-FF
	1-3/4	124212	F4B-SC-112	126531	F4B-SC-112-NL	054839	F4B-SC-112-FF
	45mm	125891	F4B-SC-45M	@	F4B-SC-45M-NL	@	F4B-SC-45M-FF
210	1-15/16	124213	F4B-SC-115	051992	F4B-SC-115-NL	124564	F4B-SC-115-FF
	2	124214	F4B-SC-200	050867	F4B-SC-200-NL	050169	F4B-SC-200-FF
	50mm	125892	F4B-SC-50M	@	F4B-SC-50M-NL	@	F4B-SC-50M-FF
211	2	126192	F4B-SCM-200	052004	F4B-SCM-200-NL	126132	F4B-SCM-200-FF
	2-3/16	124215	F4B-SC-203	052007	F4B-SC-203-NL	124921	F4B-SC-203-FF
	2-1/4	124216	F4B-SC-204	052006	F4B-SC-204-NL	@	F4B-SC-204-FF
	55mm	125893	F4B-SC-55M	@	F4B-SC-55M-NL	@	F4B-SC-55M-FF
212	2-1/4	126283	F4B-SCM-204	126537	F4B-SCM-204-NL	054482	F4B-SCM-204-FF
	2-7/16	124217	F4B-SC-207	050843	F4B-SC-207-NL	124728	F4B-SC-207-FF
	60mm	125894	F4B-SC-60M	@	F4B-SC-60M-NL	@	F4B-SC-60M-FF
214	2-1/2	126195	F4B-SCM-208	@	F4B-SCM-208-NL	126326	F4B-SCM-208-FF
	2-11/16	124261	F4B-SC-211	@	F4B-SC-211-NL	064453	F4B-SC-211-FF
	70mm	125895	F4B-SC-70M	@	F4B-SC-70M-NL	@	F4B-SC-70M-FF
215	2-15/16	124220	F4B-SC-215	052291	F4B-SC-215-NL	@	F4B-SC-215-FF
	75mm	125896	F4B-SC-75M	@	F4B-SC-75M-NL	@	F4B-SC-75M-FF

@ Assembled to order

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Setscrew Ball Bearings SC NORMAL DUTY 4-BOLT FLANGE BEARINGS

Series	Shaft Size	Weight lbs. kgs.	A	B	C	D	F Bolt Dia.	H	J	L	N
208	1-1/2	4.8	1-11/16	5-1/8	1-7/8	4	1/2	9/16	17/32	2-3/64	2-3/8
	1-5/8	4.7									
	40mm	2.1	42.9	130.2	47.6	101.6	M12	14.3	13.5	52.0	60.3
209	1-5/8	6.1	1-23/32	5-3/8	1-15/16	4-1/8	1/2	5/8	17/32	2-7/32	2-3/4
	1-11/16	6.0									
	1-3/4	5.9									
	45mm	2.7	43.7	136.5	49.2	104.8	M14	15.9	13.5	56.4	69.9
210	1-15/16	6.7	1-3/4	5-5/8	2	4-3/8	1/2	5/8	17/32	2-7/16	2-7/8
	2	6.6									
	50mm	3.0	44.5	142.9	50.8	111.1	M16	15.9	13.5	61.9	73.0
211	2	9.3	1-27/32	6-1/2	2-5/32	5-1/8	5/8	11/16	9/16	2-23/32	3-1/4
	2-3/16	9.0									
	2-1/4	8.9									
	55mm	4.1	46.8	165.1	54.8	130.2	M16	17.5	14.3	69.1	82.6
212	2-1/4	11.1	1-63/64	6-7/8	2-9/32	5-5/8	5/8	11/16	9/16	2-31/32	3-1/2
	2-7/16	10.6									
	60mm	6.0	50.4	174.6	57.9	142.9	M16	17.5	14.3	75.4	88.9
214	2-1/2	16.0	2-15/64	7-3/8	2-3/4	5-7/8	5/8	11/16	9/16	3-5/16	3-11/16
	2-11/16	15.4									
	70mm	6.9	56.8	187.3	69.9	149.2	M16	17.5	14.3	84.1	93.7
215	2-15/16	17.6	2-9/32	7-3/4	2-57/64	6	3/4	1	41/64	3-5/8	3-7/8
	75mm	8.0	57.9	196.9	73.4	152.4	M18	25.4	16.3	92.1	98.4

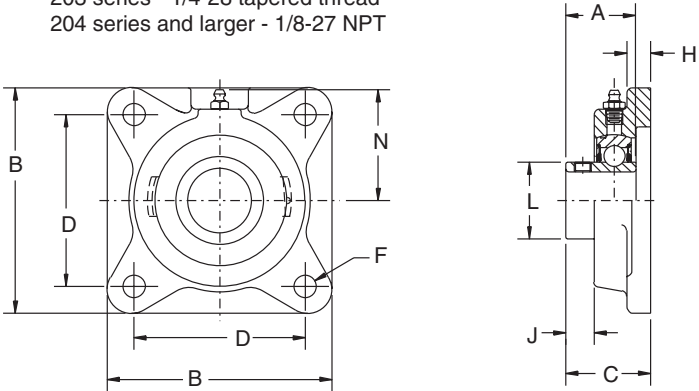
FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SCAH NORMAL DUTY AIR HANDLING 4-BOLT FLANGE BEARINGS

Lube Fitting Thread Size:
203 series - 1/4-28 tapered thread
204 series and larger - 1/8-27 NPT



Series	Shaft Size	Part No.	Description
204	1/2	051931	F4B-SCAH-008L
	5/8	050130	F4B-SCAH-010L
	3/4	123740	F4B-SCAH-012
	20mm	@	F4B-SCAH-20M
205	7/8	@	F4B-SCAH-014
	15/16	124246	F4B-SCAH-015
	1	123741	F4B-SCAH-100
	25mm	058736	F4B-SCAH-25M
206	1-1/16	@	F4B-SCAH-101
	1-1/8	064335	F4B-SCAH-102
	1-3/16	123742	F4B-SCAH-103
	1-1/4	@	F4B-SCAH-104S
207	30mm	054726	F4B-SCAH-30M
	1-1/4	123743	F4B-SCAH-104
	1-5/16	@	F4B-SCAH-105
	1-3/8	@	F4B-SCAH-106
208	1-7/16	123744	F4B-SCAH-107
	35mm	@	F4B-SCAH-35M
	1-1/2	123745	F4B-SCAH-108
	1-5/8	@	F4B-SCAH-110
	40mm	@	F4B-SCAH-40M

@ Assembled to order

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings

SCAH NORMAL DUTY AIR HANDLING 4-BOLT FLANGE BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs. kgs	A	B	C	D	F Bolt Dia.	H	J	L	N
204	1/2	1.8	1-5/32	3-3/8	1-3/8	2-1/2	3/8	7/16	25/64	1-1/8	1-15/16
	5/8	1.7									
	3/4	1.6									
	20mm	0.8	29.4	85.7	34.9	63.5	M10	11.1	9.9	28.6	49.2
205	7/8	2.0	1-3/16	3-3/4	1-23/64	2-3/4	7/16	1/2	25/64	1-21/64	2-1/6
	15/16	1.9									
	1	1.8									
	25mm	0.9	30.2	95.3	34.5	69.9	M110	12.7	9.9	33.7	52.4
206	1-1/16	2.9	1-25/64	4-1/4	1-17/32	3-1/4	7/16	1/2	15/32	1-37/64	2-3/16
	1-1/8	2.8									
	1-3/16	2.7									
	1-1/4	2.6									
	30mm	1.3	35.3	108.0	38.9	82.6	M10	12.7	11.9	40.1	55.6
207	1-1/4	4.0	1-17/32	4-3/4	1-3/4	3-5/8	1/2	9/16	17/32	1-27/32	2-7/16
	1-5/16	3.9									
	1-3/8	3.8									
	1-7/16	3.7									
	35mm	1.7	38.9	120.7	44.5	92.1	M12	14.3	13.5	46.8	61.9
208	1-1/2	4.8	1-11/16	5-1/8	1-7/8	4	1/2	9/16	17/32	2-3/64	2-3/8
	1-5/8	4.7									
	40mm	2.1	42.9	130.2	47.6	101.6	M12	14.3	13.5	52.0	60.3

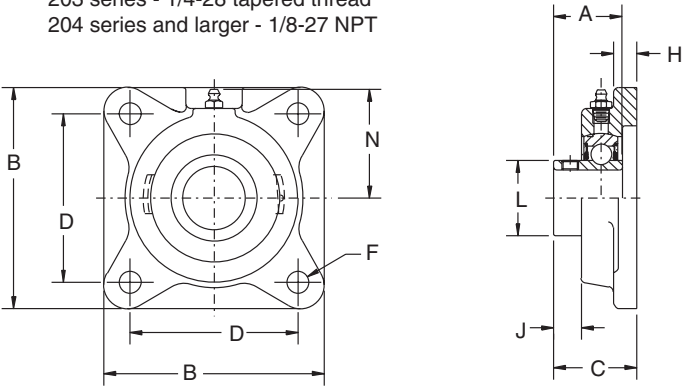
FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SCAH NORMAL DUTY AIR HANDLING 4-BOLT FLANGE BEARINGS

Lube Fitting Thread Size:
203 series - 1/4-28 tapered thread
204 series and larger - 1/8-27 NPT



Series	Shaft Size	Part No.	Description
209	1-5/8	@	F4B-SCAH-110L
	1-11/16	123746	F4B-SCAH-111
	1-3/4	123747	F4B-SCAH-112
	45mm	@	F4B-SCAH-45M
210	1-15/16	123748	F4B-SCAH-115
	2	@	F4B-SCAH-200
	50mm	@	F4B-SCAH-50M
211	2	@	F4B-SCMAH-200
	2-3/16	123749	F4B-SCAH-203
	2-1/4	@	F4B-SCAH-204
	55mm	@	F4B-SCAH-55M
212	2-1/4	@	F4B-SCMAH-204
	2-7/16	123750	F4B-SCAH-207
	60mm	@	F4B-SCAH-60M
214	2-1/2	050662	F4B-SCMAH-208
	2-11/16	124395	F4B-SCAH-211
	70mm	@	F4B-SCAH-70M
215	2-15/16	123751	F4B-SCAH-215
	75mm	@	F4B-SCAH-75M

@ Assembled to order

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings

SCAH NORMAL DUTY AIR HANDLING 4-BOLT FLANGE BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs. kgs	A	B	C	D	F Bolt Dia.	H	J	L	N
209	1-5/8	6.1	1-23/32	5-3/8	1-15/16	4-1/8	1/2	5/8	17/32	2-7/32	2-3/4
	1-11/16	6.0									
	1-3/4	5.9									
	45mm	2.7	43.7	136.5	49.2	104.8	M14	15.9	13.5	56.4	69.9
210	1-15/16	6.7	1-3/4	5-5/8	2	4-3/8	1/2	5/8	17/32	2-7/16	2-7/8
	2	6.6									
	50mm	3.0	44.5	142.9	50.8	111.1	M16	15.9	13.5	61.9	73.0
211	2	9.3	1-27/32	6-1/2	2-5/32	5-1/8	5/8	11/16	9/16	2-23/32	3-1/4
	2-3/16	9.0									
	2-1/4	8.9									
	55mm	4.1	46.8	165.1	54.8	130.2	M16	17.5	14.3	69.1	82.6
212	2-1/4	11.1	1-63/64	6-7/8	2-9/32	5-5/8	5/8	11/16	9/16	2-31/32	3-1/2
	2-7/16	10.6									
	60mm	6.0	50.4	174.6	57.9	142.9	M16	7.5	14.3	75.4	88.9
214	2-1/2	16.0	2-15/64	7-3/8	2-3/4	5-7/8	5/8	11/16	9/16	3-5/16	3-11/16
	2-11/16	15.4									
	70mm	6.9	56.8	187.3	69.9	149.2	M16	17.5	14.3	84.1	93.7
215	2-15/16	17.6	2-9/32	7-3/4	2-57/64	6	3/4	1	41/64	3-5/8	3-7/8
	75mm	8.0	57.9	196.9	73.4	152.4	M18	25.4	16.3	92.1	98.4

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS

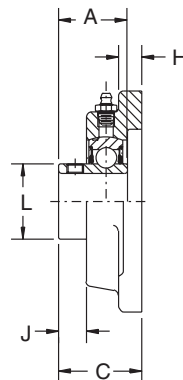
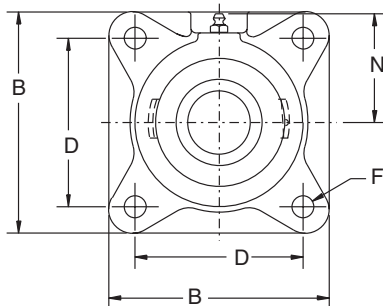


Setscrew Ball Bearings SCM MEDIUM DUTY 4-BOLT FLANGE BEARINGS

Lube Fitting Thread Size:

203 series - 1/4-28 tapered thread

204 series and larger - 1/8-27 NPT



Series	Shaft Size	Standard		No-Lube/Sealed for Life (-NL)		With Flingers	
		Part No.	Description	Part No.	Description	Part No.	Description
206	1	126226	F4B-SCM-100	052017	F4B-SCM-100-NL	@	F4B-SCM-100-FF
	25mm	125965	F4B-SCM-25M	@	F4B-SCM-25M-NL	@	F4B-SCM-25M-FF
207	1-3/16	126227	F4B-SCM-103	@	F4B-SCM-103-NL	064681	F4B-SCM-103-FF
	1-1/4	124206	F4B-SC-104	126528	F4B-SC-104-NL	052508	F4B-SC-104-FF
	30mm	125966	F4B-SCM-30M	@	F4B-SCM-30M-NL	@	F4B-SCM-30M-FF
208	1-7/16	126187	F4B-SCM-107	@	F4B-SCM-107-NL	053197	F4B-SCM-107-FF
	35mm	125967	F4B-SCM-35M	@	F4B-SCM-35M-NL	@	F4B-SCM-35M-FF
209	1-1/2	126188	F4B-SCM-108	062897	F4B-SCM-108-NL	054856	F4B-SCM-108-FF
	1-5/8	125170	F4B-SC-110L	@	F4B-SC-110L-NL	@	F4B-SC-110L-FF
	40mm	125968	F4B-SCM-40M	@	F4B-SCM-40M-NL	@	F4B-SCM-40M-FF
210	1-11/16	126189	F4B-SCM-111	@	F4B-SCM-111-NL	050137	F4B-SCM-111-FF
	1-3/4	126190	F4B-SCM-112	@	F4B-SCM-112-NL	126274	F4B-SCM-112-FF
	45mm	125969	F4B-SCM-45M	@	F4B-SCM-45M-NL	@	F4B-SCM-45M-FF
211	1-15/16	126191	F4B-SCM-115	052302	F4B-SCM-115-NL	126115	F4B-SCM-115-FF
	2	126192	F4B-SCM-200	052004	F4B-SCM-200-NL	126132	F4B-SCM-200-FF
	50mm	125970	F4B-SCM-50M	@	F4B-SCM-50M-NL	@	F4B-SCM-50M-FF
212	2-3/16	126193	F4B-SCM-203	052003	F4B-SCM-203-NL	050276	F4B-SCM-203-FF
	2-1/4	126283	F4B-SCM-204	126537	F4B-SCM-204-NL	054482	F4B-SCM-204-FF
	55mm	125971	F4B-SCM-55M	@	F4B-SCM-55M-NL	@	F4B-SCM-55M-FF
214	2-7/16	126194	F4B-SCM-207	052002	F4B-SCM-207-NL	126116	F4B-SCM-207-FF
	2-1/2	126195	F4B-SCM-208	@	F4B-SCM-208-NL	126326	F4B-SCM-208-FF
	65mm	125972	F4B-SCM-65M	@	F4B-SCM-65M-NL	@	F4B-SCM-65M-FF
215	2-11/16	126186	F4B-SCM-211	@	F4B-SCM-211-NL	064715	F4B-SCM-211-FF
	70mm	125973	F4B-SCM-70M	@	F4B-SCM-70M-NL	@	F4B-SCM-70M-FF
216	2-15/16	126196	F4B-SCM-215	126538	F4B-SCM-215-NL	051599	F4B-SCM-215-FF
	3	126197	F4B-SCM-300	126539	F4B-SCM-300-NL	126781	F4B-SCM-300-FF
	75mm	125974	F4B-SCM-75M	@	F4B-SCM-75M-NL	@	F4B-SCM-75M-FF
218	3-7/16	126198	F4B-SCM-307	126540	F4B-SCM-307-NL	126271	F4B-SCM-307-FF
	3-1/2	126199	F4B-SCM-308	126541	F4B-SCM-308-NL	056713	F4B-SCM-308-FF
	85mm	125975	F4B-SCM-85M	@	F4B-SCM-85M-NL	@	F4B-SCM-85M-FF

@ Assembled to order

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SCM MEDIUM DUTY 4-BOLT FLANGE BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs. kgs.	A	B	C	D	F Bolt Dia.	H	J	L	N
206	1	3.0	1-25/64	4-1/4	1-17/32	3-1/4	7/16	1/2	15/32	1-37/64	2-3/16
	25mm	1.3	35.3	108.0	38.9	82.6	M10	12.7	11.9	40.1	55.6
207	1-3/16	4.1	1-17/32	4-3/4	1-3/4	3-5/8	1/2	9/16	17/32	1-27/32	2-7/16
	1-1/4 30mm	4.0 1.4									
208	1-7/16	5.0	1-11/16	5-1/8	1-7/8	4	1/2	9/16	17/32	2-3/64	2-3/8
	35mm	2.1	42.9	130.2	47.6	101.6	M12	14.3	13.5	52.0	60.3
209	1-1/2	6.1	1-23/32	5-3/8	1-15/16	4-1/8	1/2	5/8	17/32	2-7/32	2-3/4
	1-5/8 40mm	6.1 2.7									
210	1-11/16	7.1	1-3/4	5-5/8	2	4-3/8	1/2	5/8	17/32	2-7/16	2-7/8
	1-3/4 45mm	6.9 3.0									
211	1-15/16	9.5	1-27/32	6-1/2	2-5/32	5-1/8	5/8	11/16	9/16	2-23/32	3-1/4
	2 50mm	9.3 4.1									
212	2-3/16	11.3	1-63/64	6-7/8	2-9/32	5-5/8	5/8	11/16	9/16	2-31/32	3-1/2
	2-1/4 55mm	11.1 6.0									
214	2-7/16	16.2	2-15/64	7-3/8	2-3/4	5-7/8	5/8	11/16	9/16	3-5/16	3-11/16
	2-1/2 65mm	16.0 7.3									
215	2-11/16	18.3	2-9/32	7-3/4	2-57/64	6.0	3/4	1	41/64	3-5/8	3-7/8
	70mm	8.0	57.9	196.9	73.4	152.4	M18	25.4	16.3	92.1	98.4
216	2-15/16	21.5	2-11/32	7-3/4	3-3/32	6	3/4	7/8	19/32	3-53/64	4-3/32
	3 75mm	21.2 9.4									
218	3-7/16	28.0	2-31/64	8-7/16	3-11/32	6-3/4	3/4	1	9/16	4-23/64	4-5/8
	3-1/2 85mm	27.4 12.2									

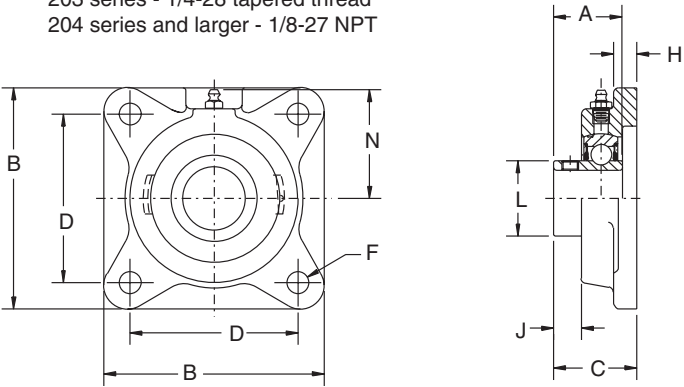
FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SCMAH AIR HANDLING MEDIUM DUTY 4-BOLT FLANGE BEARINGS

Lube Fitting Thread Size:
203 series - 1/4-28 tapered thread
204 series and larger - 1/8-27 NPT



Series	Shaft Size	Part No.	Description
206	1 25mm	053901 @	F4B-SCMAH-100 F4B-SCMAH-25M
207	1-3/16 1-1/4 30mm	050132 123743 @	F4B-SCMAH-103 F4B-SCAH-104 F4B-SCMAH-30M
208	1-7/16 35mm	123760 @	F4B-SCMAH-107 F4B-SCMAH-35M
209	1-1/2 1-5/8 40mm	123761 @ @	F4B-SCMAH-108 F4B-SCAH-110L F4B-SCMAH-40M
210	1-11/16 1-3/4 45mm	123762 123763 @	F4B-SCMAH-111 F4B-SCMAH-112 F4B-SCMAH-45M
211	1-15/16 2 50mm	123764 @ @	F4B-SCMAH-115 F4B-SCMAH-200 F4B-SCMAH-50M
212	2-3/16 2-1/4 55mm	123765 064586 @	F4B-SCMAH-203 F4B-SCMAH-204 F4B-SCMAH-55M
214	2-7/16 2-1/2 65mm	123766 050662 @	F4B-SCMAH-207 F4B-SCMAH-208 F4B-SCMAH-65M
215	2-11/16 70mm	123767 @	F4B-SCMAH-211 F4B-SCMAH-70M
216	2-15/16 3 75mm	123768 @ @	F4B-SCMAH-215 F4B-SCMAH-300 F4B-SCM-75M
218	3-7/16 3-1/2 85mm	123769 057709 @	F4B-SCMAH-307 F4B-SCMAH-308 F4B-SCMAH-85M

© Assembled to order

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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Setscrew Ball Bearings

SCMAH AIR HANDLING MEDIUM DUTY 4-BOLT FLANGE BEARINGS

Series	Shaft Size	Weight lbs <i>kgs</i>	A	B	C	D	F Bolt Dia.	H	J	L	N
206	1	3.0	1-25/64	4-1/4	1-17/32	3-1/4	7/16	1/2	15/32	1-37/64	2-3/16
	25mm	1.3	35.3	108.0	38.9	82.6	M10	12.7	11.9	40.1	55.6
207	1-3/16	4.1	1-17/32	4-3/4	1-3/4	3-5/8	1/2	9/16	17/32	1-27/32	2-7/16
	1-1/4 30mm	1.7	38.9	120.7	44.5	92.1	M12	14.3	13.5	46.8	61.9
208	1-7/16	5.0	1-11/16	5-1/8	1-7/8	4	1/2	9/16	17/32	2-3/64	2-3/8
	35mm	2.1	42.9	130.2	47.6	101.6	M12	14.3	13.5	52.0	60.3
209	1-1/2	6.1	1-23/32	5-3/8	1-15/16	4-1/8	1/2	5/8	17/32	2-7/32	2-3/4
	1-5/8 40mm	2.7	43.7	136.5	49.2	104.8	M14	15.9	13.5	56.4	69.9
210	1-11/16	7.1	1-3/4	5-5/8	2	4-3/8	1/2	5/8	17/32	2-7/16	2-7/8
	1-3/4 45mm	3.0	44.5	142.9	50.8	111.1	M16	15.9	13.5	61.9	73.0
211	1-15/16	9.5	1-27/32	6-1/2	2-5/32	5-1/8	5/8	11/16	9/16	2-23/32	3-1/4
	2 50mm	4.1	46.8	165.1	54.8	130.2	M16	17.5	14.3	69.1	82.6
212	2-3/16	11.3	1-63/64	6-7/8	2-9/32	5-5/8	5/8	11/16	9/16	2-31/32	3-1/2
	2-1/4 55mm	6.0	50.4	174.6	57.9	142.9	M16	17.5	14.3	75.4	88.9
214	2-7/16	16.2	2-15/64	7-3/8	2-3/4	5-7/8	5/8	11/16	9/16	3-5/16	3-11/16
	2-1/2 65mm	7.3	56.8	187.3	69.9	149.2	M16	17.5	14.3	84.1	93.7
215	2-11/16	18.3	2-9/32	7-3/4	2-57/64	6	3/4	1	41/64	3-5/8	3-7/8
	70mm	8.0	57.9	196.9	73.4	152.4	M18	25.4	16.3	92.1	98.4
216	2-15/16	21.5	2-11/32	7-3/4	3-3/32	6	3/4	7/8	19/32	3-53/64	4-3/32
	3 75mm	9.4	59.5	196.9	78.6	152.4	M18	22.2	15.1	97.2	104.0
218	3-7/16	28.0	2-31/64	8-7/16	3-11/32	6-3/4	3/4	1	9/16	4-23/64	4-5/8
	3-1/2 85mm	12.2	63.1	214.3	84.9	171.5	M18	25.4	14.3	110.7	117.5

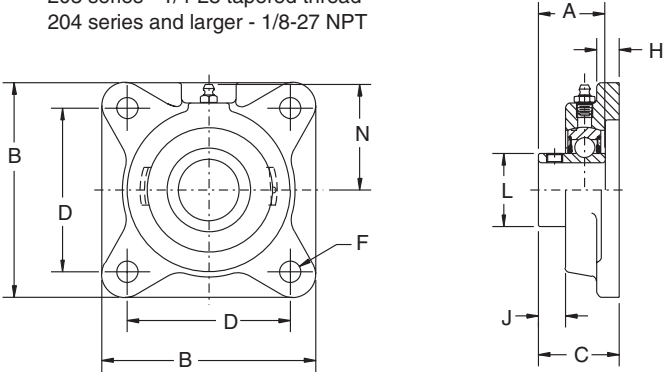
FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings VSC INTERMEDIATE DUTY 4-BOLT FLANGE BEARINGS

Lube Fitting Thread Size:
203 series - 1/4-28 tapered thread
204 series and larger - 1/8-27 NPT



Series	Shaft Size	Standard		No-Lube/Sealed for Life (-NL)	
		Part No.	Description	Part No.	Description
203	1/2	125524	F4B-VSC-008	@	F4B-VSC-008-NL
	5/8	125525	F4B-VSC-010	@	F4B-VSC-010-NL
	17mm	125694	F4B-VSC-17M	@	F4B-VSC-17MNL
204	3/4	123625	F4B-VSC-012	@	F4B-VSC-012-NL
	20mm	125695	F4B-VSC-20M	@	F4B-VSC-20M-NL
205	7/8	125526	F4B-VSC-014	@	F4B-VSC-014-NL
	15/16	125527	F4B-VSC-015	@	F4B-VSC-015-NL
	1	123626	F4B-VSC-100	062509	F4B-VSC-100-NL
	25mm	125696	F4B-VSC-25M	@	F4B-VSC-25M-NL
206	1-1/8	125528	F4B-VSC-102	@	F4B-VSC-102-NL
	1-3/16	123627	F4B-VSC-103	@	F4B-VSC-103-NL
	1-1/4	123634	F4B-VSC-104S	@	F4B-VSC-104S-NL
	30mm	125697	F4B-VSC-30M	@	F4B-VSC-30M-NL
207	1-1/4	123628	F4B-VSC-104	051891	F4B-VSC-104-NL
	1-3/8	125529	F4B-VSC-106	@	F4B-VSC-106-NL
	1-7/16	123629	F4B-VSC-107	050844	F4B-VSC-107-NL
	35mm	125698	F4B-VSC-40M	@	F4B-VSC-40M-NL
208	1-1/2	123630	F4B-VSC-108	051892	F4B-VSC-108-NL
	40mm	125699	F4B-VSC-40M	@	F4B-VSC-40M-NL
209	1-11/16	125530	F4B-VSC-111	050836	F4B-VSC-111-NL
	1-3/4	125531	F4B-VSC-112	@	F4B-VSC-112-NL
	45mm	125700	F4B-VSC-45M	@	F4B-VSC-45M-NL
210	1-15/16	123631	F4B-VSC-115	@	F4B-VSC-115-NL
	2	123632	F4B-VSC-200	@	F4B-VSC-200-NL
	50mm	125701	F4B-VSC-50M	@	F4B-VSC-50M-NL
211	2	123652	F4B-VSC-200L	@	F4B-VSC-200L-NL
	2-3/16	123633	F4B-VSC-203	@	F4B-VSC-203-NL
	55mm	125702	F4B-VSC-55M	@	F4B-VSC-55M-NL

@Assembled to order

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings

VSC INTERMEDIATE DUTY 4-BOLT FLANGE BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

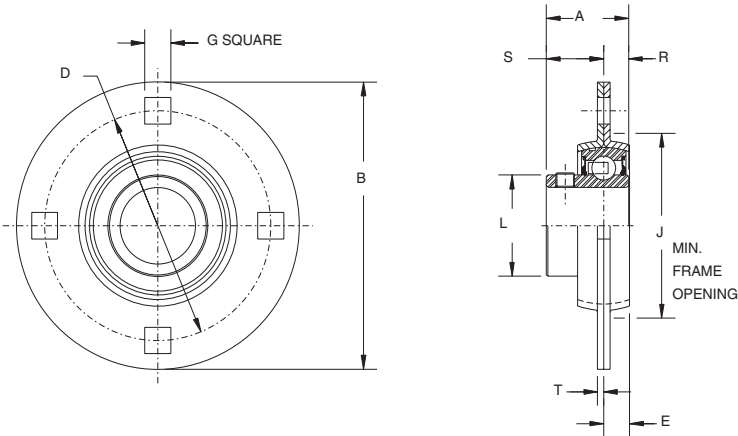
Series	Shaft Size	Weight lbs. kg	A	B	C	D	F Bolt Dia.	H	J	L	N
203	1/2	1.08	15/16	3	1-3/16	2-1/8	3/8	7/16	11/32	31/32	1-11/16
	5/8	1.00									
	17mm	0.48	23.8	76.2	30.2	54.0	M10	11.1	8.7	24.6	42.9
204	3/4	1.50	1-1/16	3-3/8	1-3/8	2-1/2	3/8	7/16	25/64	1-1/8	1-15/16
	20mm	0.67	27.0	85.7	34.9	63.5	M10	11.1	9.9	28.6	49.2
205	7/8	1.98	1-3/32	3-3/4	1-23/64	2-3/4	7/16	1/2	25/64	1-21/64	2-1/16
	15/16	1.86									
	1	1.62									
	25mm	0.84	27.8	95.3	34.5	69.9	M10	12.7	9.9	33.7	52.4
206	1-1/8	2.78	1-19/64	4-1/4	1-17/32	3-1/4	7/16	1/2	15/32	1-37/64	2-3/16
	1-3/16	2.68									
	1-1/4	2.50									
	30mm	1.19	32.9	108.0	38.9	82.6	M10	12.7	11.9	40.1	55.6
207	1-1/4	3.50	1-7/16	4-3/4	1-3/4	3-5/8	1/2	9/16	17/32	1-27/32	2-7/16
	1-3/8	2.88									
	1-7/16	2.50									
	35mm	1.28	36.5	120.7	44.5	92.1	M12	14.3	13.5	46.8	61.9
208	1-1/2	4.50	1-9/16	5-1/8	1-7/8	4	1/2	9/16	17/32	2-3/64	2-3/8
	40mm	2.00	39.7	130.2	47.6	101.6	M12	14.3	13.5	52.0	60.3
209	1-11/16	5.45	1-19/32	5-3/8	1-15/16	4-1/8	1/2	5/8	17/32	2-7/32	2-3/4
	1-3/4	5.35									
	45mm	2.42	40.5	136.5	49.2	104.8	M14	15.9	13.5	56.4	69.9
210	1-15/16	6.25	1-5/8	5-5/8	2	4-3/8	1/2	5/8	17/32	2-7/16	2-7/8
	2	6.00									
	50mm	2.33	41.3	142.9	50.8	111.1	M16	15.9	13.5	61.9	73.0
211	2	9.28	1-23/32	6-1/2	2-5/32	5-1/8	5/8	11/16	9/16	2-23/32	3-1/4
	2-3/16	9.00									
	55mm	4.12	43.7	165.1	54.8	130.2	M16	17.5	14.3	69.1	82.6

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings
SL LIGHT DUTY 4-BOLT FLANGE BEARINGS



Series	Shaft Size	Part No.	Description
208	1-1/2 40mm	128088 @	F4B-SL-108 F4B-SL-40M
210	1-15/16 2 50mm	128089 128090 @	F4B-SL-115 F4B-SL-200 F4B-SL-50M
211	2 2-3/16 55mm	128182 128091 @	F4B-SL-200L F4B-SL-203 F4B-SL-55M

@ Assembled to order

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SL LIGHT DUTY 4-BOLT FLANGE BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs. kg.	A	B	D	E	G*	J	L	R	S	T	Housing Radial Load Rating (lbs)
208	1-1/2	2.64	1-9/16	5-13/16	4-11/16	13/32	17/32	3-9/16	2-3/64	15/32	13/32	0.134	1,700
	40mm	1.15	39.7	147.6	119.1	10.3	13.5	1.55	52.0	11.3	27.8	3.4	7,556
210	1-15/16	2.95	1-5/8	6-1/8	5	7/16	17/32	4	2-7/16	15/32	1-5/32	0.149	1,900
	2	2.86											
211	50mm	1.28	41.3	155.6	127.0	11.1	13.5	1.74	61.9	11.3	29.4	3.8	8,444
211	2	3.73	1-23/32	6-9/16	5-7/16	15/32	17/32	4-7/16	2-23/32	1/2	1-7/32	0.149	2,300
	2-3/16	3.63											
	55mm	1.62	43.7	166.7	138.1	11.9	13.5	1.93	69.1	12.7	31.0	3.8	10,222

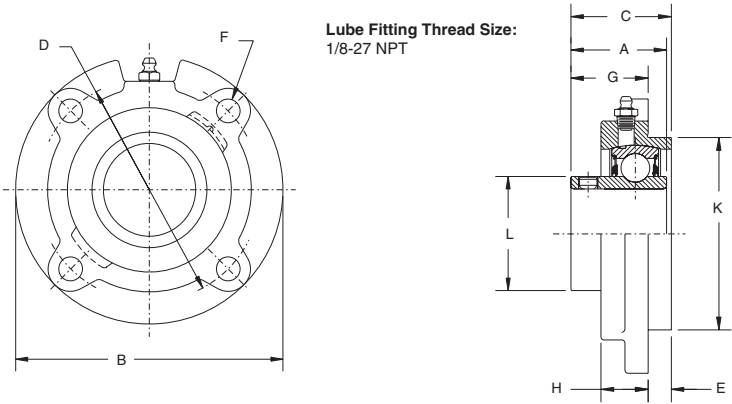
* Mounting bolt holes will accept either carriage or machine bolts.

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SC NORMAL DUTY PILOTED FLANGE BEARINGS



Series	Shaft Size	Part No.	Description
206	1-1/16	124578	FC-SC-101
	1-1/8	124582	FC-SC-102
	1-3/16	124579	FC-SC-103
	1-1/4	124587	FC-SC-104S
	30mm	125865	FC-SC-30M
207	1-1/4	124224	FC-SC-104
	1-5/16	124237	FC-SC-105
	1-3/8	124235	FC-SC-106
	1-7/16	124236	FC-SC-107
	35mm	125866	FC-SC-35M
208	1-1/2	124225	FC-SC-108
	1-5/8	124226	FC-SC-110
	40mm	125867	FC-SC-40M
209	1-5/8	@	FC-SC-110L
	1-11/16	124227	FC-SC-111
	1-3/4	124228	FC-SC-112
	45mm	125868	FC-SC-45M
210	1-15/16	124229	FC-SC-115
	2	124230	FC-SC-200
	50mm	125869	FC-SC-50M
211	2	126175	FC-SCM-200
	2-3/16	124231	FC-SC-203
	2-1/4	124232	FC-SC-204
	55mm	125870	FC-SC-55M
212	2-1/4	126177	FC-SCM-204
	2-7/16	124233	FC-SC-207
	60mm	125871	FC-SC-60M
214	2-1/2	126179	FC-SCM-208
	2-11/16	124729	FC-SC-211
	70mm	125872	FC-SC-70M

@ Assembled to order

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SC NORMAL DUTY PILOTED FLANGE BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight - lbs. kgs.	A	B	C	D	D	E	F Bolt Dia.	G	H	K*	L
206	1-1/16	3.2	1-25/64	4-3/8	1-1/2	3-5/8	3-5/8	1/4	3/8	1-1/4	13/16	3	1-37/64
	1-1/8	3.1											
	1-3/16	3.0											
	1-1/4	2.9											
	30mm	1.3	35.3	111.1	38.1	92.1	92.1	6.4	M10	31.8	20.6	76.2	40.1
207	1-1/4	4.2	1-17/32	5	1-49/64	4-1/8	4-1/8	3/8	3/8	1-25/64	27/32	3-3/8	1-27/32
	1-5/16	4.1											
	1-3/8	4.0											
	1-7/16	3.9											
	35mm	1.8	38.9	127.0	44.8	104.8	104.8	9.5	M10	35.3	21.4	85.7	46.8
208	1-1/2	4.6	1-11/16	5-1/4	1-57/64	4-3/8	4-3/8	7/16	7/16	1-29/64	57/64	3-5/8	2-3/64
	1-5/8	4.5											
	40mm	2.0	42.9	133.4	48.0	111.1	111.1	11.1	M12	36.9	22.6	92.1	52.0
209	1-5/8	5.6	1-23/32	5-3/4	1-57/64	4-3/4	4-3/4	7/16	1/2	1-29/64	29/32	4	2-7/32
	1-11/16	5.5											
	1-3/4	5.4											
	45mm	2.4	43.7	146.1	48.0	120.7	120.7	11.1	M12	36.9	23.0	101.6	56.4
210	1-15/16	6.4	1-3/4	6-1/8	1-61/64	5-1/8	5-1/8	15/32	1/2	1-31/64	59/64	4-1/4	2-7/16
	2	6.3											
	50mm	2.9	44.5	155.6	49.6	130.2	130.2	11.9	M12	37.7	23.5	108.0	61.9
211	2	7.3	1-27/32	6-3/8	2-7/32	5-3/8	5-3/8	5/8	1/2	1-19/32	1	4-1/2	2-23/32
	2-3/16	7.2											
	2-1/4	7.1											
	55mm	3.3	46.8	161.9	56.4	136.5	136.5	15.9	M12	40.5	25.4	114.3	69.1
212	2-1/4	9.6	1-63/64	7-1/8	2-29/64	6	6	7/8	1/2	1-37/64	1	5	2-31/32
	2-7/16	9.5											
	60mm	4.3	50.4	181.0	62.3	152.40	152.40	22.2	M12	40.1	25.4	127.0	75.4
214	2-1/2	13.0	2-15/64	7-5/8	2-49/64	6-1/2	6-1/2	1-1/8	1/2	1-41/64	1-1/16	5-1/2	3-5/16
	2-11/16	12.9											
	70mm	5.5	56.8	193.7	70.2	165.1	165.1	28.6	M12	41.7	27.0	139.7	84.1

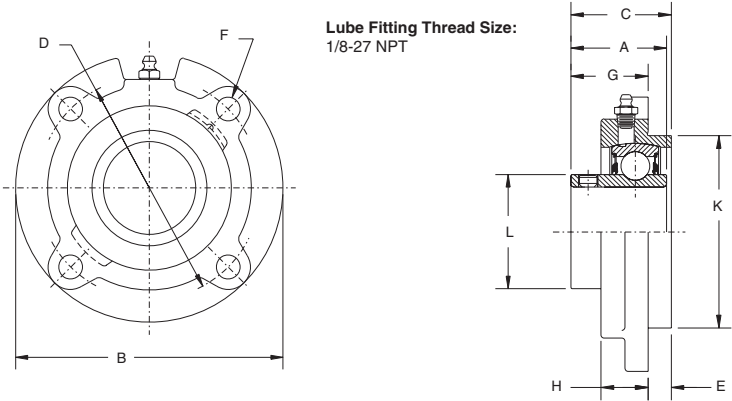
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FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SCM MEDIUM DUTY PILOTED FLANGE BEARINGS



Lube Fitting Thread Size:
1/8-27 NPT

Series	Shaft Size	Part No.	Description
206	1	126167	FC-SCM-100
	25mm	125940	FC-SCM-25M
207	1-3/16	126168	FC-SCM-103
	1-1/4	124224	FC-SC-104
	30mm	125941	FC-SCM-30M
208	1-7/16	126170	FC-SCM-107
	1-1/2	126171	FC-SCM-108
	35mm	125942	FC-SCM-35M
209	1-1/2	056492	FC-SCM-108L
	1-5/8	@	FC-SC-110L
	40mm	125943	FC-SCM-40M
210	1-11/16	126172	FC-SCM-111
	1-3/4	126173	FC-SCM-112
	45mm	125944	FC-SCM-45M
211	1-15/16	126174	FC-SCM-115
	2	126175	FC-SCM-200
	50mm	125945	FC-SCM-50M
212	2-3/16	126176	FC-SCM-203
	2-1/4	126177	FC-SCM-204
	55mm	125946	FC-SCM-55M
214	2-7/16	126178	FC-SCM-207
	2-1/2	126179	FC-SCM-208
	65mm	125947	FC-SCM-65M
216	2-15/16	126180	FC-SCM-215
	3	126182	FC-SCM-300
	75mm	125948	FC-SCM-75M
218	3-7/16	126183	FC-SCM-307
	3-1/2	126184	FC-SCM-308
	85mm	125949	FC-SCM-85M

@ Assembled to order

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SCM MEDIUM DUTY PILOTED FLANGE BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setcrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs. kgs.	A	B	C	D	E	F Bolt Dia.	G	H	K*	L
206	1	3.3	1-25/64	4-3/8	1-1/2	3-5/8	1/4	3/8	1-1/4	13/16	3	1-37/64
	25mm	1.4	35.3	111.1	38.1	92.1	6.4	M10	31.8	20.6	76.2	40.1
207	1-3/16	4.2	1-17/32	5	1-49/64	4-1/8	3/8	3/8	1-25/64	27/32	3-3/8	1-27/32
	1-1/4	4.2										
	30mm	1.9	38.9	127.0	44.8	104.8	9.5	M10	35.3	21.4	85.7	46.8
208	1-7/16	4.8	1-11/16	5-1/4	1-57/64	4-3/8	7/16	7/16	1-29/64	57/64	3-5/8	2-3/64
	1-1/2	4.6										
	35mm	2.1	42.9	133.4	48.0	111.1	11.1	M12	36.9	22.6	92.1	52.0
209	1-1/2	5.6	1-23/32	5-3/4	1-57/64	4-3/4	7/16	1/2	1-29/64	29/32	4	2-7/32
	1-5/8	5.6										
	40mm	2.5	43.7	146.1	48.0	120.7	11.1	M12	36.9	23.0	101.6	56.4
210	1-11/16	6.4	1-3/4	6-1/8	1-61/64	5-1/8	15/32	1/2	1-31/64	59/64	4-1/4	2-7/16
	1-3/4	6.3										
	45mm	2.9	44.5	155.6	49.6	130.2	11.9	M12	37.7	23.4	108.0	61.9
211	1-15/16	7.6	1-27/32	6-3/8	2-7/32	5-3/8	5/8	1/2	1-19/32	1	4-1/2	2-23/32
	2	7.4										
	50mm	3.4	46.8	161.9	56.4	136.5	15.9	M12	40.5	25.4	114.3	69.1
212	2-3/16	9.5	1-63/64	7-1/8	2-29/64	6	7/8	1/2	1-37/64	1	5	2-31/32
	2-1/4	9.8										
	55mm	4.4	50.4	181.0	62.3	152.4	22.2	M12	40.1	25.4	127.0	75.4
214	2-7/16	13.2	2-15/64	7-5/8	2-49/64	6-1/2	1-1/8	1/2	1-41/64	1-1/16	5-1/2	3-5/16
	2-1/2	13.0										
	65mm	5.9	56.8	193.7	70.2	165.1	28.6	M12	41.7	27.0	139.7	84.1
216	2-15/16	18.8	2-11/64	8-3/4	3-1/32	7-1/2	1-1/4	5/8	1-25/32	1-3/16	6-3/8	3-53/64
	3	18.6										
	75mm	8.5	57.9	222.3	77.0	190.5	31.8	M16	45.2	30.2	161.9	92.1
218	3-7/16	28.7	2-31/64	10-1/4	3-19/64	8-5/8	1-1/8	3/4	2-11/64	1-5/8	7-3/8	4-23/64
	3-1/2	28.5										
	85mm	13.5	63.1	260.4	83.7	219.1	34.9	M18	55.2	41.3	187.3	110.7

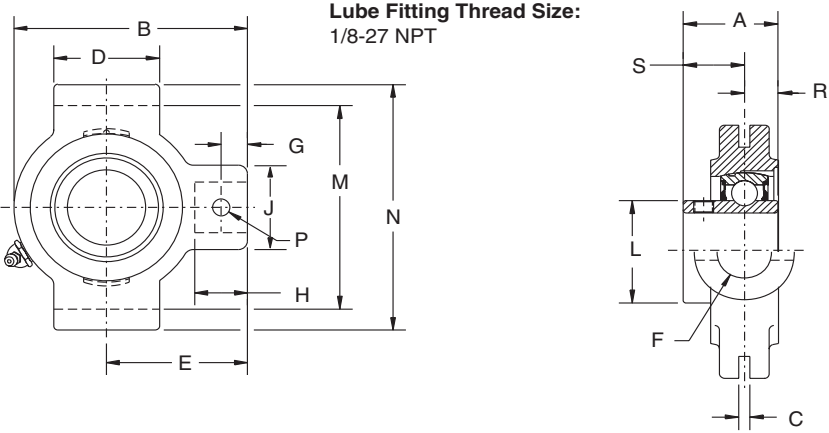
* +.000-.002", +0.00 -0.05mm

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SC NORMAL DUTY NARROW SLOT TAKE-UP BEARINGS



Series	Shaft Size	Standard		No Lube/Sealed for Life (-NL)	
		Part No.	Description	Part No.	Description
204	1/2	125328	NSTU-SC-008	@	NSTU-SC-008-NL
	5/8	125329	NSTU-SC-010	@	NSTU-SC-010-NL
	3/4	125050	NSTU-SC-012	@	NSTU-SC-012-NL
	20mm	125900	NSTU-SC-20M	@	NSTU-SC-20M-NL
205	7/8	125365	NSTU-SC-014	@	NSTU-SC-014-NL
	15/16	125051	NSTU-SC-015	@	NSTU-SC-015-NL
	1	125052	NSTU-SC-100	125054	NSTU-SC-100-NL
	25mm	125901	NSTU-SC-25M	@	NSTU-SC-25M-NL
206	1-1/16	125366	NSTU-SC-101	@	NSTU-SC-101-NL
	1-1/8	125367	NSTU-SC-102	@	NSTU-SC-102-NL
	1-3/16	125153	NSTU-SC-103	052194	NSTU-SC-103-NL
	1-1/4	123174	NSTU-SC-104S	@	NSTU-SC-104S-NL
	30mm	125902	NSTU-SC-30M	@	NSTU-SC-30M-NL
207	1-1/4	125154	NSTU-SC-104	058897	NSTU-SC-104-NL
	1-5/16	125368	NSTU-SC-105	@	NSTU-SC-105-NL
	1-3/8	125369	NSTU-SC-106	125378	NSTU-SC-106-NL
	1-7/16	125155	NSTU-SC-107	052199	NSTU-SC-107-NL
	35mm	125903	NSTU-SC-35M	@	NSTU-SC-35M-NL

@ Assembled to order
See B15-9 for Take-Up Frames

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings

SC NORMAL DUTY NARROW SLOT TAKE-UP BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs. kgs.	Take-Up Frame No. Ref.	A	B	C *	D	E	F Screw Dia	G	H	J	L	M #	N	P Pin Dia	R	S
204	1/2	1.6	NS210	1-5/32	3-1/2	1/4	1-1/2	2-3/16	3/4	7/16	7/8	1-3/8	1-1/8	2-5/8	3-1/8	5/16	27/64	47/64
	5/8	1.5																
	3/4	1.4																
	20mm	0.8		29.4	88.9	6.4	38.1	55.6	19.1	11.1	22.2	34.9	28.6	66.7	79.4	7.9	10.7	18.7
205	7/8	1.7	NS210	1-3/16	3-9/16	1/4	1-1/2	2-3/16	3/4	7/16	7/8	1-3/8	1-21/64	2-5/8	3-1/8	5/16	27/64	49/64
	15/16	1.6																
	1	1.5																
	25mm	0.7		30.2	90.5	6.4	38.1	55.6	19.1	11.1	22.2	34.9	33.7	66.7	79.4	7.9	10.7	19.4
206	1-1/16	2.9	NS308	1-25/64	4-5/16	1/4	2-1/2	2-11/16	3/4	1/2	15/16	1-3/8	1-37/64	3-1/2	4-1/8	5/16	31/64	29/32
	1-1/8	2.8																
	1-3/16	2.7																
	1-1/4	2.6																
	30mm	1.2		35.3	109.5	6.4	63.5	68.3	19.1	12.7	23.8	34.9	40.1	88.9	104.8	7.9	12.3	23
207	1-1/4	2.8	NS308	1-17/32	4-1/2	1/4	2-1/2	2-11/16	3/4	1/2	15/16	1-3/8	1-27/32	3-1/2	4-1/8	5/16	1/2	1-1/32
	1-5/16	2.7																
	1-3/8	2.6																
	1-7/16	2.5																
	35mm	1.2		38.9	114.3	6.4	63.5	68.3	19.1	12.7	23.8	34.9	46.8	88.9	104.8	7.9	12.7	26.2

*+ or -.015". + pr -.38mm

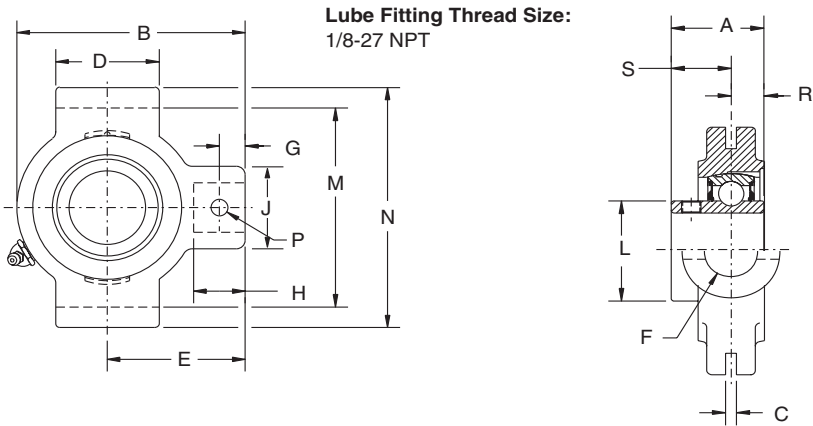
#+.010, -.020" +.25mm, -.50mm

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SC NORMAL DUTY NARROW SLOT TAKE-UP BEARINGS



Series	Shaft Size	Standard		Sealed For Life	
		Part No.	Description	Part No.	Description
208	1-1/2	125156	NSTU-SC-108	@	NSTU-SC-108-NL
	1-5/8	125370	NSTU-SC-110	@	NSTU-SC-110-NL
	40mm	125904	NSTU-SC-40M	@	NSTU-SC-40M-NL
209	1-5/8	@	NSTU-SC-110L	@	NSTU-SC-110L-NL
	1-11/16	125157	NSTU-SC-111	052939	NSTU-SC-111-NL
	1-3/4	125371	NSTU-SC-112	@	NSTU-SC-112-NL
	45mm	125905	NSTU-SC-45M	@	NSTU-SC-45M-NL
210	1-15/16	125158	NSTU-SC-115	125159	NSTU-SC-115-NL
	2	125372	NSTU-SC-200	@	NSTU-SC-200-NL
	50mm	125906	NSTU-SC-50M	@	NSTU-SC-50M-NL
211	2	135171	NSTU-SCM-200	@	NSTU-SCM-200-NL
	2-3/16	125160	NSTU-SC-203	@	NSTU-SC-203-NL
	2-1/4	125373	NSTU-SC-204	@	NSTU-SC-204-NL
	55mm	125907	NSTU-SC-55M	@	NSTU-SC-55M-NL
212	2-1/4	135172	NSTU-SCM-204	@	NSTU-SCM-204-NL
	2-7/16	125162	NSTU-SC-207	@	NSTU-SC-207-NL
	60mm	125908	NSTU-SC-60M	@	NSTU-SC-60M-NL

@ Assembled to order
See B15-9 for Take-Up Frames

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings

SC NORMAL DUTY NARROW SLOT TAKE-UP BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs. kgs.	Take-Up Frame No. Ref.	A	B	C *	D	E	F Screw Dia	G	H	J	L	M #	N	P Pin Dia	R	S
208	1-1/2	4.7	NS400	1-11/16	5-3/8	5/16	3	3-1/4	7/8	21/32	1-5/32	1-5/8	2-3/64	4	4-3/4	3/8	19/32	1-3/32
	1-5/8	4.6																
	40mm	2.1		42.9	136.5	7.9	76.2	82.6	22.2	16.7	29.4	41.3	52.0	101.6	120.7	9.5	15.1	27.8
209	1-5/8	4.9	NS400	1-23/32	5-7/16	5/16	3	3-1/4	7/8	23/32	1-7/32	1-5/8	2-7/32	4	4-3/4	3/8	19/32	1-1/8
	1-11/16	4.8																
	1-3/4	4.7																
210	45mm	2.1		43.7	138.1	7.9	76.2	82.6	22.2	18.3	31.0	41.3	56.4	101.6	120.7	9.5	15.1	28.6
211	1-15/16	4.9	NS400	1-3/4	5-1/2	5/16	3	3-1/4	7/8	19/32	1-3/32	1-5/8	2-7/16	4	4-3/4	3/8	19/32	1-5/32
	2	4.8																
	50mm	2.2		44.5	139.7	7.9	76.2	82.6	22.2	15.1	27.8	41.3	61.9	101.6	120.7	9.5	15.1	29.4
211	2	6.8	NS407	1-27/32	6-1/8	5/16	3-1/2	3-5/8	1	11/16	1-9/32	1-3/4	2-23/32	4-7/16	5-3/8	7/16	5/8	1-7/32
	2-3/16	6.6																
	2-1/4	6.5																
212	55mm	3.0		46.8	155.6	7.9	88.9	92.1	25.4	17.5	32.5	44.5	69.1	112.7	136.5	11.1	15.9	31.0
212	2-1/4	8.7	NS415	1-63/64	6-11/16	5/16	3-3/4	3-7/8	1	11/16	1-9/32	1-5/8	2-31/32	4-15/16	5-3/4	7/16	43/64	1-5/16
	2-7/16	8.4																
	60mm	4.9		50.4	169.9	7.9	95.3	98.4	25.4	17.5	32.5	41.3	75.4	125.4	146.1	11.1	17.1	33.3

*+/- .015" +/- .38mm

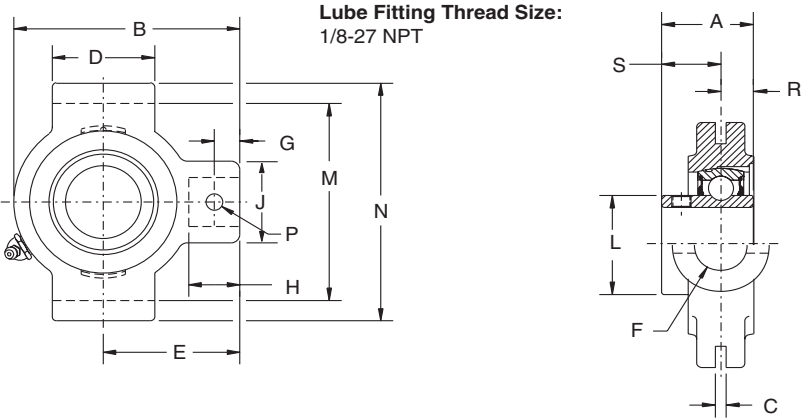
#+.010, -.020" +.25mm, -.50mm

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SCM MEDIUM DUTY NARROW SLOT TAKE-UP BEARINGS



Series	Shaft Size	Part No.	Description
206	1	135102	NSTU-SCM-100
	25mm	125980	NSTU-SCM-25M
207	1-3/16	135081	NSTU-SCM-103
	1-1/4	125154	NSTU-SC-104
208	30mm	125981	NSTU-SCM-30M
	1-7/16	135105	NSTU-SCM-107
209	35mm	125982	NSTU-SCM-35M
	1-1/2	135106	NSTU-SCM-108
210	1-5/8	@	NSTU-SC-110L
	40mm	125983	NSTU-SCM-40M
211	1-11/16	135107	NSTU-SCM-111
	1-3/4	135170	NSTU-SCM-112
212	45mm	125984	NSTU-SCM-45M
	1-15/16	135109	NSTU-SCM-115
213	2	135171	NSTU-SCM-200
	50mm	125985	NSTU-SCM-50M
214	2-3/16	135111	NSTU-SCM-203
	2-1/4	135172	NSTU-SCM-204
215	55mm	125986	NSTU-SCM-55M

@ Assembled to order

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings

SCM MEDIUM DUTY NARROW SLOT TAKE-UP BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs. kgs.	Take-Up Frame No. Ref.	A	B	C*	D	E	F Screw Dia.	G	H	J	L	M#	N	P Pin Dia.	R	S
206	1 25mm	3.0 1.2	NS308	1-25/64 35.3	4-5/16 109.5	1/4 6.4	2-1/2 63.5	2-11/16 68.3	3/4 19.1	1/2 12.7	15/16 23.8	1-3/8 34.9	1-37/64 40.1	3-1/2 88.9	4-1/8 104.8	5/16 7.9	31/64 12.3	29/32 23.0
207	1-3/16 1-1/4 30mm	2.9 2.8 1.3	NS308	1-17/32 38.9	4-1/2 114.3	1/4 6.4	2-1/2 63.5	2-11/16 68.3	3/4 19.1	1/2 12.7	15/16 23.8	1-3/8 34.9	1-27/32 46.8	3-1/2 88.9	4-1/8 104.8	5/16 7.9	1/2 12.7	1-1/32 26.2
208	1-7/16 35mm	4.7 2.2	NS400	1-11/16 42.9	5-3/8 136.5	5/16 7.9	3 76.2	3-1/4 82.6	7/8 22.2	21/32 16.7	1-5/32 29.4	1-5/8 41.3	2-3/64 52.0	4 101.60	4-3/4 120.7	3/8 9.5	19/32 15.1	1-3/32 27.8
209	1-1/2 1-5/8 40mm	5.0 4.9 2.3	NS400	1-23/32 43.7	5-7/16 138.1	5/16 7.9	3 76.2	3-1/4 82.6	7/8 22.2	23/32 18.3	1-7/32 31.0	1-5/8 41.3	2-7/32 56.4	4 101.60	4-3/4 120.7	3/8 9.5	19/32 15.1	1-1/8 28.6
210	1-11/16 1-3/4 45mm	5.3 5.2 2.4	NS400	1-3/4 44.5	5-1/2 139.7	5/16 7.9	3 76.2	3-1/4 82.6	7/8 22.2	19/32 15.1	1-3/32 27.8	1-5/8 41.3	2-7/16 61.9	4 101.60	4-3/4 120.7	3/8 9.5	19/32 15.1	1-5/32 29.4
211	1-15/16 2 50mm	7.0 6.8 3.2	NS407	1-27/32 46.8	6-1/8 155.6	5/16 7.9	3-1/2 88.9	3-5/8 92.1	1 25.4	11/16 17.5	1-9/32 32.5	1-3/4 44.5	2-23/32 69.1	4-7/16 112.7	5-3/8 136.5	7/16 11.1	5/8 15.9	1-7/32 31.0
212	2-3/16 2-1/4 55mm	8.9 8.7 4.0	NS415	1-63/64 50.4	6-11/16 169.9	5/16 7.9	3-3/4 95.3	3-7/8 98.4	1 25.4	11/16 17.5	1-9/32 32.5	1-5/8 41.3	2-31/32 75.4	4-15/16 125.4	5-3/4 146.1	7/16 11.1	43/64 17.1	1-5/16 33.3

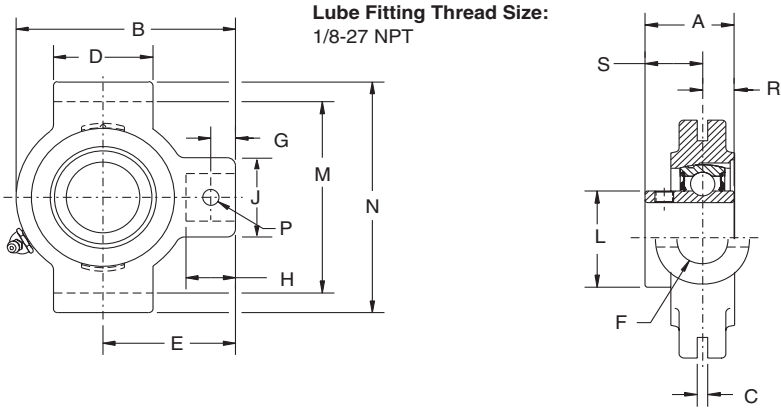
#+ or -.015", + or -.38mm"

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings VSC INTERMEDIATE DUTY NARROW SLOT TAKE-UP BEARINGS



Series	Shaft Size	Part No.	Description
204	3/4	125533	NSTU-VSC-012
	20mm	@	NSTU-VSC-20M
205	7/8	125534	NSTU-VSC-014
	15/16	125535	NSTU-VSC-015
	1	125536	NSTU-VSC-100
	25mm	@	NSTU-VSC-25M
206	1-1/8	125537	NSTU-VSC-102
	1-3/16	125538	NSTU-VSC-103
	1-1/4	125540	NSTU-VSC-104S
	30mm	@	NSTU-VSC-30M
207	1-1/4	125539	NSTU-VSC-104
	1-3/8	125541	NSTU-VSC-106
	1-7/16	123680	NSTU-VSC-107
	35mm	@	NSTU-VSC-35M
208	1-1/2	125542	NSTU-VSC-108
	40mm	@	NSTU-VSC-40M
209	1-11/16	125543	NSTU-VSC-111
	1-3/4	125544	NSTU-VSC-112
	45mm	@	NSTU-VSC-45M
210	1-15/16	125545	NSTU-VSC-115
	2	125546	NSTU-VSC-200
	50mm	@	NSTU-VSC-50M
211	2	125547	NSTU-VSC-200
	2-3/16	125548	NSTU-VSC-203
	55mm	@	NSTU-VSC-55M

@ Assembled to order

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings

VSC INTERMEDIATE DUTY NARROW SLOT TAKE-UP BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs. kg.	Take-Up Frame No. Ref.	A	B	C*	D	E	F Screw Dia.	G	H	J	L	M#	N	P Pin Dia.	R	S
204	3/4 20mm	1.25 0.58	NS210	1-1/16 27.0	3-1/2 88.9	1/4 6.4	1-1/2 38.1	2-3/16 55.6	3/4 19.1	7/16 11.1	7/8 22.2	1-3/8 34.9	1-1/8 28.6	2-5/8 66.7	3-1/8 79.4	5/16 7.9	21/64 8.3	47/64 18.7
205	7/8 15/16 1 25mm	1.68 1.58 1.48 0.73	NS210	1-3/32 27.8	3-9/16 90.5	1/4 6.4	1-1/2 38.1	2-3/16 55.6	3/4 19.1	7/16 11.1	7/8 22.2	1-3/8 34.9	1-21/64 33.7	2-5/8 66.7	3-1/8 79.4	5/16 7.9	21/64 8.3	49/64 19.4
206	1-1/8 1-3/16 1-1/4 30mm	2.78 2.58 2.48 1.19	NS308	1-19/64 32.9	4-5/16 109.5	1/4 6.4	2-1/2 63.5	2-11/16 68.3	3/4 19.1	1/2 12.7	15/16 23.8	1-3/8 34.9	1-37/64 40.1	3-1/2 88.9	4-1/8 104.8	5/16 7.9	25/64 9.9	29/32 23.0
207	1-1/4 1-3/8 1-7/16 35mm	2.78 2.58 2.48 1.19	NS308	1-7/16 36.5	4-1/2 114.3	1/4 6.4	2-1/2 63.5	2-11/16 68.3	3/4 19.1	1/2 12.7	15/16 23.8	1-3/8 34.9	1-27/32 46.8	3-1/2 88.9	4-1/8 104.8	5/16 7.9	13/32 10.3	1-1/32 26.2
208	1-1/2 40mm	4.68 2.16	NS400	1-9/16 39.7	5-3/8 136.5	5/16 7.9	3 76.2	3-1/4 82.6	7/8 22.2	21/32 16.7	1-5/32 29.4	1-5/8 41.3	2-3/64 52.0	4 101.6	4-3/4 120.7	3/8 9.5	15/32 11.9	1-3/32 27.8
209	1-11/16 1-3/4 45mm	4.78 4.68 2.20	NS400	1-19/32 40.5	5-7/16 138.1	5/16 7.9	3 76.2	3-1/4 82.6	7/8 22.2	23/32 18.3	1-7/32 31.0	1-5/8 41.3	2-7/32 56.4	4 101.6	4-3/4 120.7	3/8 9.5	15/32 11.9	1-1/8 28.6
210	1-15/16 2 50mm	4.88 4.78 2.25	NS400	1-5/8 41.3	5-1/2 139.7	5/16 7.9	3 76.2	3-1/4 82.6	7/8 22.2	19/32 115.1	1-3/32 27.8	1-5/8 41.3	2-7/16 61.9	4 101.6	4-3/4 120.7	3/8 9.5	15/32 11.9	1-5/32 29.4
211	2 2-3/16 55mm	6.78 6.58 3.13	NS407	1-23/32 43.7	6-1/8 155.6	5/16 7.9	3-1/2 88.9	3-5/8 92.1	1 25.4	11/16 17.5	1-9/32 32.5	1-3/4 44.5	2-23/32 69.1	4-7/16 112.7	5-3/8 136.5	7/16 11.1	1/2 12.7	1-7/32 31.0

* + or -.015, + or -.38mm

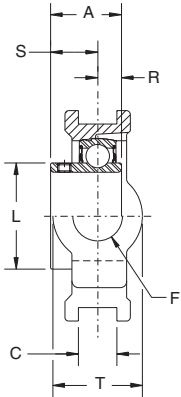
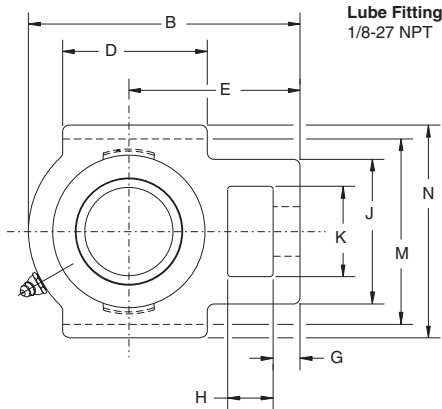
#+.010, -.020" +.25mm, -.50mm

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SC NORMAL DUTY WIDE SLOT TAKE-UP BEARINGS



Series	Shaft Size	Standard		No Lube/Sealed for Life (-NL)	
		Part No.	Description	Part No.	Description
204	1/2	125343	WSTU-SC-008	@	WSTU-SC-008-NL
	5/8	125344	WSTU-SC-010	@	WSTU-SC-010-NL
	3/4	125010	WSTU-SC-012	@	WSTU-SC-012-NL
	20mm	125910	WSTU-SC-20M	@	WSTU-SC-20M-NL
205	7/8	125356	WSTU-SC-014	@	WSTU-SC-014-NL
	15/16	125011	WSTU-SC-015	@	WSTU-SC-015-NL
	1	125012	WSTU-SC-100	@	WSTU-SC-100-NL
	25mm	125911	WSTU-SC-25M	@	WSTU-SC-25M-NL
206	1-1/16	125357	WSTU-SC-101	@	WSTU-SC-101-NL
	1-1/8	125358	WSTU-SC-102	@	WSTU-SC-102-NL
	1-3/16	125113	WSTU-SC-103	@	WSTU-SC-103-NL
	1-1/4	123175	WSTU-SC-104S	@	WSTU-SC-104S-NL
	30mm	125912	WSTU-SC-30M	@	WSTU-SC-30M-NL
207	1-1/4	125360	WSTU-SC-104	@	WSTU-SC-104-NL
	1-5/16	125359	WSTU-SC-105	@	WSTU-SC-105-NL
	1-3/8	125361	WSTU-SC-106	@	WSTU-SC-106-NL
	1-7/16	125114	WSTU-SC-107	050846	WSTU-SC-107-NL
	35mm	125913	WSTU-SC-35M	@	WSTU-SC-35M-NL
208	1-1/2	125120	WSTU-SC-108	049829	WSTU-SC-108-NL
	1-5/8	125355	WSTU-SC-110	@	WSTU-SC-110-NL
	40mm	125914	WSTU-SC-40M	@	WSTU-SC-40M-NL

@ Assembled to order

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SC NORMAL DUTY WIDE SLOT TAKE-UP BEARINGS

Series	Shaft Size	Weight lbs kg	Take-Up Frame Size	A	B	C*	D	E	F Screw Dia.	G
204	1/2	2.1	WS300	1-5/32	3-11/16	17/32	2	2-3/8	5/8	3/8
	5/8	2.0								
	3/4	1.9								
	20mm	0.9		29.4	93.7	13.5	50.8	60.3	15.9	9.5
205	7/8	2.2	WS300	1-3/16	3-13/16	17/32	2	2-7/16	5/8	3/8
	15/16	2.1								
	1	2.0								
	25mm	1.0		30.2	96.8	13.5	50.8	61.9	15.9	9.5
206	1-1/16	3.1	WS308	1-25/64	4-3/8	17/32	2-1/4	2-3/4	3/4	3/8
	1-1/8	3.0								
	1-3/16	2.9								
	1-1/4	2.8								
207	30mm	1.3		35.3	111.1	13.5	57.2	69.9	19.1	9.5
	1-1/4	3.8	WS308	1-17/32	4-7/8	17/32	2-1/2	3-1/16	3/4	1/2
	1-5/16	3.7								
	1-3/8	3.6								
208	1-7/16	3.5								
	35mm	1.6		38.9	123.8	13.5	63.5	77.8	19.1	12.7
	1-1/2	6.1	WS400	1-11/16	5-11/16	11/16	3-1/4	3-1/2	1	5/8
	1-5/8	6.0								
	40mm	2.8		42.9	144.5	17.5	82.6	88.9	25.4	15.9

Series	Shaft Size	H	J	K	L	M#	N	R	S	T
204	1/2	5/8	2	1-1/4	1-1/8	3	3-5/8	27/64	47/64	1-3/8
	5/8									
	3/4									
	20mm	15.9	50.8	31.8	28.6	76.2	92.1	10.7	18.7	34.9
205	7/8	5/8	2	1-5/16	1-21/64	3	3-5/8	27/64	49/64	1-3/8
	15/16									
	1									
	25mm	15.9	50.8	33.3	33.7	76.2	92.1	10.7	19.4	34.9
206	1-1/16	5/8	2-3/16	1-7/16	1-37/64	3-1/2	4-1/8	31/64	29/32	1-5/8
	1-1/8									
	1-3/16									
	1-1/4									
207	30mm	15.9	55.6	36.5	40.1	88.9	104.8	12.3	23.0	41.3
	1-1/4	5/8	2-1/2	1-7/16	1-27/32	3-1/2	4-1/8	1/2	1-1/32	1-5/8
	1-5/16									
	1-3/8									
208	1-7/16									
	35mm	15.9	63.5	36.5	46.8	88.9	104.8	12.7	26.2	41.3
	1-1/2	3/4	3-1/4	1-15/16	2-3/64	4	4-1/2	19/32	1-3/32	1-15/16
	1-5/8									
	40mm	19.1	82.6	49.2	52.0	101.6	114.3	15.1	27.8	49.2

*+ or -.015", + or -.38mm

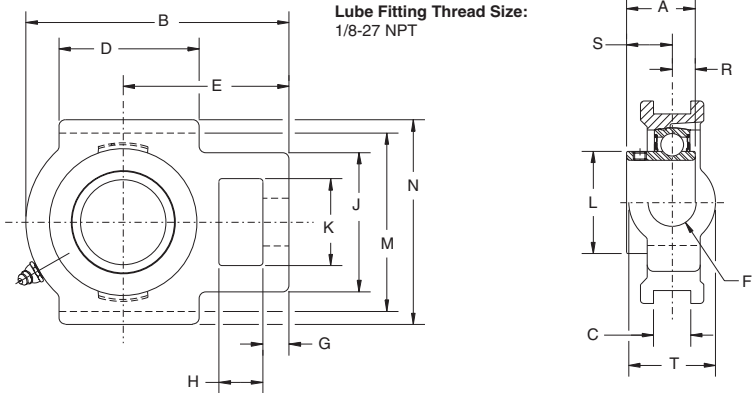
#+.010, -.020" +.25mm, -.50mm

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SC NORMAL DUTY WIDE SLOT TAKE-UP BEARINGS



Series	Shaft Size	Standard		No Lube/Sealed for Life (-NL)	
		Part No.	Description	Part No.	Description
209	1-5/8	125151	WSTU-SC-110L	@	WSTU-SC-110L-NL
	1-11/16	125115	WSTU-SC-111	@	WSTU-SC-111-NL
	1-3/4	125362	WSTU-SC-112	@	WSTU-SC-112-NL
	1-13/16	125121	WSTU-SC-113	@	WSTU-SC-113-NL
	45mm	125915	WSTU-SC-45M	@	WSTU-SC-45M-NL
210	1-15/16	125116	WSTU-SC-115	125071	WSTU-SC-115-NL
	2	125363	WSTU-SC-200	058705	WSTU-SC-200-NL
	50mm	125916	WSTU-SC-50M	@	WSTU-SC-50M-NL
211	2	135183	WSTU-SCM-200	@	WSTU-SCM-200-NL
	2-3/16	125117	WSTU-SC-203	@	WSTU-SC-203-NL
	2-1/4	125364	WSTU-SC-204	@	WSTU-SC-204-NL
	55mm	125917	WSTU-SC-55M	@	WSTU-SC-55M-NL
212	2-1/4	135184	WSTU-SCM-204	@	WSTU-SCM-204-NL
	2-7/16	125118	WSTU-SC-207	@	WSTU-SC-207-NL
	60mm	125918	WSTU-SC-60M	@	WSTU-SC-60M-NL
214	2-1/2	135185	WSTU-SCM-208	@	WSTU-SCM-208-NL
	2-11/16	064704	WSTU-SC-211	@	WSTU-SC-211-NL
	70mm	062975	WSTU-SC-70M	@	WSTU-SC-70M-NL
215	2-15/16	125119	WSTU-SC-215	@	WSTU-SC-215-NL
	75mm	125919	WSTU-SC-75M	@	WSTU-SC-75M-NL

@ Assembled to order

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SC NORMAL DUTY WIDE SLOT TAKE-UP BEARINGS

Series	Shaft Size	Weight lbs kg	Take-Up Frame Size	A	B	C*	D	E	F Screw Dia.	G
209	1-5/8	6.1	WS400	1-23/32	5-5/8	11/16	3-1/4	3-7/16	1	5/8
	1-11/16	6.0								
	1-3/4	5.9								
	1-13/16	5.8								
	45mm	2.7		43.7	142.9	17.5	82.6	87.3	25.4	15.9
210	1-15/16	6.4	WS400	1-3/4	5-13/16	11/16	3-3/8	3-9/16	1	5/8
	2	6.2								
	50mm	2.9		44.5	147.6	17.5	85.7	90.5	25.4	15.9
211	2	10.1	WS502	1-27/32	6-11/16	1-1/16	3-3/4	4-3/16	1-1/4	3/4
	2-3/16	10.0								
	2-1/4	9.8								
	55mm	4.5		46.8	169.9	27.0	95.3	106.4	31.8	19.1
212	2-1/4	11.2	WS502	1-63/64	7-1/2	1-1/16	4	4-11/16	1-1/4	3/4
	2-7/16	10.8								
	60mm	4.9		50.4	190.5	27.0	101.6	119.1	31.8	19.1
214	2-1/2	18.0	WS515	2-15/64	8-9/16	1-1/16	4-3/4	5-3/8	1-1/2	13/16
	2-11/16	17.8								
	70mm	8.0		56.8	217.5	27.0	120.7	136.5	38.1	20.6
215	2-15/16	18.9	WS515	2-9/32	9-1/8	1-1/16	4-3/4	5-1/2	1-1/2	13/16
	75mm	8.6		57.9	231.8	27.0	120.7	139.7	38.1	20.6

Series	Shaft Size	H	J	K	L	M#	N	R	S	T
209	1-5/8	3/4	3-1/4	1-15/16	2-7/32	4	4-3/4	19/32	1-1/8	1-15/16
	1-11/16									
	1-3/4									
	1-13/16									
	45mm	19.1	82.6	49.2	56.4	101.6	120.7	15.1	28.6	49.2
210	1-15/16	3/4	3-1/4	1-15/16	2-7/16	4	4-3/4	19/32	1-5/32	1-15/16
	2									
211	50mm	19.1	82.6	49.2	61.9	101.6	120.7	15.1	29.4	49.2
	2	1	4	2-1/2	2-23/32	5-1/8	5-7/8	5/8	1-7/32	2-1/2
	2-3/16									
	2-1/4									
212	55mm	25.4	101.6	63.5	69.1	130.2	149.2	15.9	31.0	63.5
	2-1/4	1-1/4	4	2-1/2	2-31/32	5-1/8	5-7/8	43/64	1-5/16	2-1/2
	2-7/16									
214	60mm	31.8	101.6	63.5	75.4	130.2	149.2	17.1	33.3	63.5
	2-1/2	1-1/4	4-3/8	2-3/4	3-5/16	5-15/16	6-9/16	51/64	1-7/16	2-3/4
	2-11/16									
215	70mm	31.8	111.1	69.9	84.1	150.8	166.7	20.2	36.5	69.9
	2-15/16	1-1/4	4-3/8	2-3/4	3-5/8	5-15/16	6-11/16	13/16	1-15/32	2-3/4
	75mm	31.8	111.1	69.9	92.1	150.8	169.9	20.6	37.3	69.9

*+ or -.015", + or -.38mm

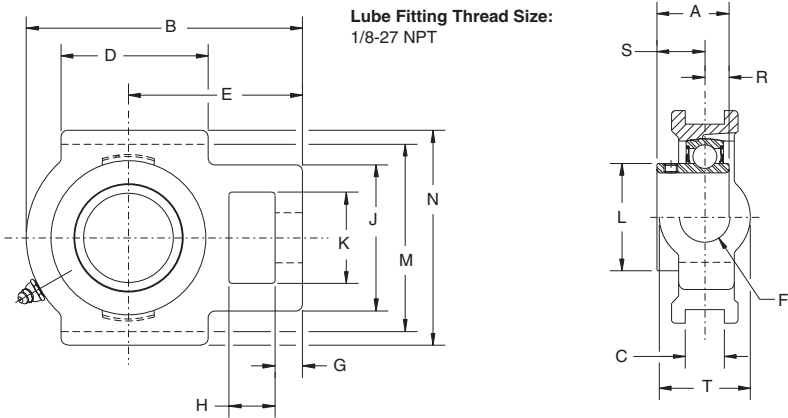
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FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings
SCM MEDIUM DUTY WIDE SLOT TAKE-UP BEARINGS



Series	Shaft Size	Part No.	Description
206	1	135117	WSTU-SCM-100
	25mm	125989	WSTU-SCM-25M
207	1-3/16	135118	WSTU-SCM-103
	1-1/4	125360	WSTU-SC-104
	30mm	125990	WSTU-SCM-30M
208	1-7/16	135116	WSTU-SCM-107
	35mm	125991	WSTU-SCM-35M
209	1-1/2	135120	WSTU-SCM-108
	40mm	125992	WSTU-SCM-40M
210	1-11/16	135121	WSTU-SCM-111
	1-3/4	135182	WSTU-SCM-112
	45mm	125993	WSTU-SCM-45M

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SCM MEDIUM DUTY WIDE SLOT TAKE-UP BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs. kgs.	Take-Up Frame No. Ref.	A	B	C*	D	E	F Screw Dia.	G
206	1 25mm	2.9 1.4	WS308	1-25/64 35.3	4-3/8 111.1	17/32 13.5	2-1/4 57.2	2-3/4 69.9	3/4 19.1	3/8 9.5
207	1-3/16 1-1/4 30mm	3.9 3.8 1.7	WS308	1-17/32 38.9	4-7/8 123.8	17/32 13.5	2-1/2 63.5	3-1/16 77.8	3/4 19.1	1/2 12.7
208	1-7/16 35mm	6.1 2.9	WS400	1-11/16 42.9	5-11/16 144.5	11/16 17.5	3-1/4 82.6	3-1/2 88.9	1 25.40	5/8 15.9
209	1-1/2 40mm	6.0 2.8	WS400	1-23/32 43.7	5-5/8 142.9	11/16 17.5	3-1/4 82.6	3-7/16 87.3	1 25.40	5/8 15.9
210	1-11/16 1-3/4 45mm	6.5 6.4 3.0	WS400	1-3/4 44.5	5-13/16 147.6	11/16 17.5	3-3/8 85.7	3-9/16 90.5	1 25.40	5/8 15.9

Series	Shaft Size	H	J	K	L	M#	N	R	S	T
206	1 25mm	5/8 15.9	2-3/16 55.6	1-7/16 36.5	1-37/64 40.1	3-1/2 88.9	4-1/8 104.8	31/64 12.3	29/32 23.0	1-5/8 41.3
207	1-3/16 1-1/4 30mm	5/8 15.9	2-1/2 63.5	1-7/16 36.5	1-27/32 46.8	3-1/2 88.9	4-1/8 104.8	1/2 12.7	1-1/32 26.2	1-5/8 41.3
208	1-7/16 35mm	3/4 19.1	3-1/4 82.6	1-15/16 49.2	2-3/64 52.0	4 101.6	4-1/2 114.3	19/32 15.1	1-3/32 27.8	1-15/16 49.2
209	1-1/2 40mm	3/4 19.1	3-1/4 82.6	1-15/16 49.2	2-7/32 56.4	4 101.6	4-3/4 120.7	19/32 15.1	1-1/8 28.6	1-15/16 49.2
210	1-11/16 1-3/4 45mm	3/4 19.1	3-1/4 82.6	1-15/16 49.2	2-7/16 61.9	4 101.6	4-3/41 20.7	19/32 15.1	1-5/32 29.4	1-15/16 49.2

*+ or -.015, + or -.38mm

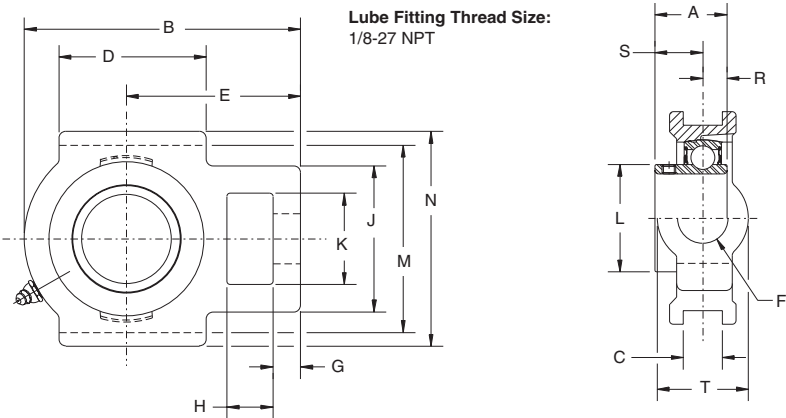
#+.010, -.020" +.25mm, -.50mm

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings
SCM MEDIUM DUTY WIDE SLOT TAKE-UP BEARINGS



Series	Shaft Size	Part No.	Description
211	1-15/16	135123	WSTU-SCM-115
	2	135183	WSTU-SCM-200
	50mm	125994	WSTU-SCM-50M
212	2-3/16	135125	WSTU-SCM-203
	2-1/4	135184	WSTU-SCM-204
	55mm	125995	WSTU-SCM-55M
214	2-7/16	135127	WSTU-SCM-207
	2-1/2	135185	WSTU-SCM-208
	65mm	125996	WSTU-SCM-65M
215	2-11/16	135129	WSTU-SCM-211
	70mm	125997	WSTU-SCM-70M
216	2-15/16	135130	WSTU-SCM-215
	3	135181	WSTU-SCM-300
	75mm	125998	WSTU-SCM-75M

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SCM MEDIUM DUTY WIDE SLOT TAKE-UP BEARINGS

Series	Shaft Size	Weight lbs. kgs.	Take-Up Frame No. Ref.	A	B	C*	D	E	F Screw Dia.	G
211	1-15/16	10.1	WS502	1-27/32	6-11/16	1-1/16	3-3/4	4-3/16	1-1/4	3/4
	2	10.2								
	50mm	4.7		46.8	159.9	27.0	95.3	106.4	31.8	19.1
212	2-3/16	11.4	WS502	1-63/64	7-1/2	1-1/16	4	4-11/16	1-1/4	3/4
	2-1/4	11.2								
	55mm	5.1		50.4	190.5	27.0	101.60	119.1	31.8	19.1
214	2-7/16	18.2	WS515	2-15/64	8-9/16	1-1/16	4-3/4	5-3/8	1-1/2	13/16
	2-1/2	18.0								
	65mm	8.1		56.8	217.5	27.0	120.7	136.5	38.1	20.6
215	2-11/16	19.0	WS515	2-9/32	9-1/8	1-1/16	4-3/4	5-1/2	1-1/2	13/16
	70mm	8.9								
				57.9	231.8	27.0	120.7	139.7	38.1	20.6
216	2-15/16	21.7	WS608	2-11/64	9-1/8	1-1/16	4-3/4	5-1/2	1-1/2	13/16
	3	21.5								
	75mm	9.5		55.2	231.8	27.0	120.7	139.7	38.1	20.6

Series	Shaft Size	H	J	K	L	M#	N	R	S	T
211	1-15/16	1	4	2-1/2	2-23/32	5-1/8	5-7/8	5/8	1-7/32	2-1/2
	2									
	50mm	25.4	101.6	63.5	69.1	130.2	149.2	15.9	31.0	63.5
212	2-3/16	1-1/4	4	2-1/2	2-31/32	5-1/8	5-7/8	43/64	1-5/16	2-1/2
	2-1/4									
	55mm	31.8	101.60	63.5	75.4	130.2	149.2	17.1	33.3	63.5
214	2-7/16	1-1/4	4-3/8	2-3/4	3-5/16	5-15/16	6-9/16	51/64	1-7/16	2-3/4
	2-1/2									
	65mm	31.8	111.1	69.9	84.1	150.8	166.7	20.2	36.5	69.9
215	2-11/16	1-1/4	4-3/8	2-3/4	3-5/8	5-15/16	6-11/16	13/16	1-15/32	2-3/4
	70mm									
		31.8	111.1	69.9	92.1	150.8	169.9	20.6	37.3	69.9
216	2-15/16	1-1/4	4-3/8	2-3/4	3-53/64	6-1/2	7-1/4	43/64	1-1/23	2-3/4
	3									
	75mm	31.8	111.1	69.9	97.2	165.1	184.2	17.1	8.1	69.9

*+ or -.015, + or -.38mm

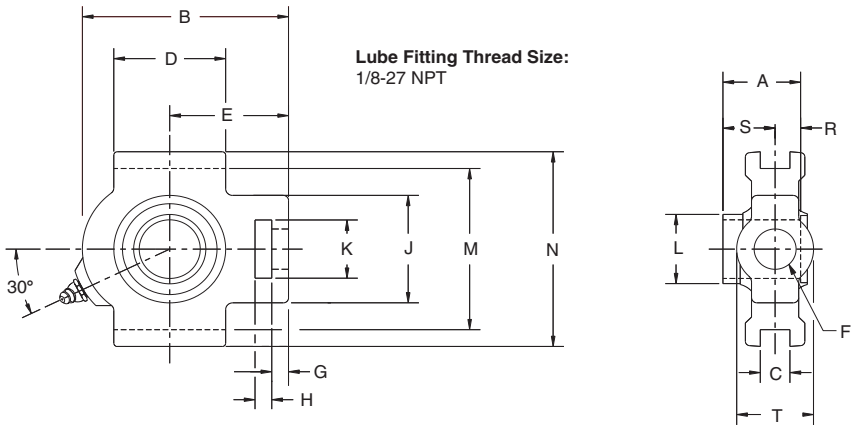
#+.010, -.020" +.25mm, -.50mm

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings
VSC INTERMEDIATE DUTY WIDE SLOT TAKE-UP BEARINGS



Series	Shaft Size	Part No.	Description
204	3/4 20mm	125549 @	WSTU-VSC-012 WSTU-VSC-20M
205	7/8 15/16 1 25mm	125550 125551 125552 @	WSTU-VSC-014 WSTU-VSC-015 WSTU-VSC-100 WSTU-VSC-25M
206	1-1/8 1-3/16 1-1/4 30mm	125553 125554 125556 @	WSTU-VSC-102 WSTU-VSC-103 WSTU-VSC-104S WSTU-VSC-30M
207	1-1/4 1-3/8 1-7/16 35mm	125555 125557 125558 @	WSTU-VSC-104 WSTU-VSC-106 WSTU-VSC-107 WSTU-VSC-35M

@ Assembled to order

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings

VSC INTERMEDIATE DUTY WIDE SLOT TAKE-UP BEARINGS

Series	Shaft Size	Weight lbs. kg.	Take-Up Frame No. Ref.	A	B	C*	D	E	F Screw Dia.	G
204	3/4 20mm	1.9 0.87	WS300	1-1/16 27.0	3-11/16 93.7	17/32 13.5	2 50.8	2-3/8 60.3	5/8 15.9	3/8 9.5
205	7/8 15/16 1 25mm	2.2 2.1 2.0 0.96	WS300	1-3/32	3-13/16	17/32	2	2-7/16	5/8	3/8
206	1-1/8 1-3/16 1-1/4 30mm	3.0 2.9 2.8 1.33	WS308	1-19/64	4-3/8	17/32	2-1/4	2-3/4	3/4	3/8
207	1-1/4 1-3/8 1-7/16 35mm	3.8 3.6 3.5 1.65	WS308	1-7/16	4-7/8	17/32	2-1/2	3-1/16	3/4	1/2

Series	Shaft Size	H	J	K	L	M#	N	R	S	T
204	3/4 20mm	5/8 15.9	2 50.8	1-1/4 31.8	1-1/8 28.6	3 76.2	3-5/8 92.1	5/16 7.9	21/64 8.3	1-3/8 34.9
205	7/8 15/16 1 25mm	5/8 15.9	2 50.8	1-5/16 33.3	1-21/64 33.7	3 76.2	3-5/8 92.1	5/16 7.9	21/64 8.3	1-3/8 34.9
206	1-1/8 1-3/16 1-1/4 30mm	5/8 15.9	2-3/16 55.6	1-7/16 36.5	1-37/64 40.1	3-1/2 88.9	4-1/8 104.8	5/16 7.9	25/64 9.9	1-5/8 41.3
207	1-1/4 1-3/8 1-7/16 35mm	5/8 15.9	2-1/2 63.5	1-7/16 36.5	1-27/32 46.8	3-1/2 88.9	4-1/8 104.8	5/16 7.9	13/32 10.3	1-5/8 41.3

*+ or.015", + or -.38mm

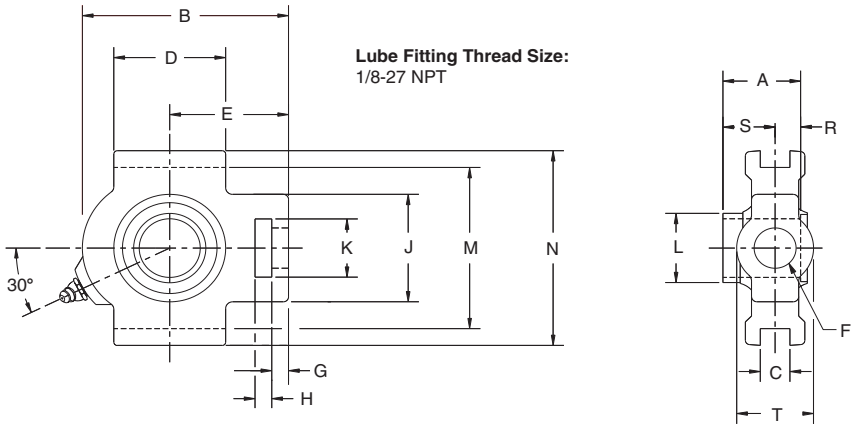
+.010, -.020" +.25, -.50mm

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings
VSC INTERMEDIATE DUTY WIDE SLOT TAKE-UP BEARINGS



Series	Shaft Size	Part No.	Description
208	1-1/2 40mm	125559 @	WSTU-VSC-108 WSTU-VSC-40M
209	1-11/16 1-3/4 45mm	125560 125561 @	WSTU-VSC-111 WSTU-VSC-112 WSTU-VSC-45M
210	1-15/16 2 50mm	125562 125563 @	WSTU-VSC-115 WSTU-VSC-200 WSTU-VSC-50M
211	2 2-3/16 55mm	125564 125565 @	WSTU-VSC-200L WSTU-VSC-203 WSTU-VSC-55M

@ Assembled to order

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings

VSC INTERMEDIATE DUTY WIDE SLOT TAKE-UP BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs. kg.	Take-Up Frame No. Ref.	A	B	C*	D	E	F Screw Dia.	G
208	1-1/2 40mm	6.1 2.80	WS400	1-9/16 39.7	5-11/16 144.5	11/16 17.5	3-1/4 82.6	3-1/2 88.9	1 25.4	5/8 15.9
209	1-11/16 1-3/4 45mm	6.0 5.9 2.76	WS400	1-19/32 40.5	5-5/8 142.9	11/16 17.5	3-1/4 82.6	3-7/16 87.3	1 25.4	5/8 15.9
210	1-15/16 2 50mm	6.4 6.2 2.94	WS400	1-5/8 41.3	5-13/16 147.6	11/16 17.5	3-3/8 85.7	3-9/16 90.5	1 25.4	5/8 15.9
211	2 2-3/16 55mm	10.1 10.0 4.65	WS502	1-23/32 43.7	6-11/16 169.9	1-1/16 27.0	3-3/4 95.3	4-3/16 106.4	1-1/4 31.8	3/4 19.1

Series	Shaft Size	H	J	K	L	M#	N	R	S	T
208	1-1/2 40mm	3/4 19.1	3-1/4 82.6	1-15/16 49.2	2-3/64 52.0	4 101.6	4-1/2 114.3	3/8 9.5	15/32 11.9	1-15/16 49.2
209	1-11/16 1-3/4 45mm	3/4 19.1	3-1/4 82.6	1-15/16 49.2	2-7/32 56.4	4 101.6	4-3/4 120.7	3/8 9.5	15/32 11.9	1-15/16 49.2
210	1-15/16 2 50mm	3/4 19.1	3-1/4 82.6	1-15/16 49.2	2-7/16 61.9	4 101.6	4-3/4 120.7	3/8 9.5	15/32 11.9	1-15/16 49.2
211	2 2-3/16 55mm	1 25.4	4 101.6	2-1/2 63.5	2-23/32 69.1	5-1/8 130.2	5-7/8 149.2	7/16 11.1	1/2 12.7	2-1/2 63.5

*+ or .015", + or -.38mm

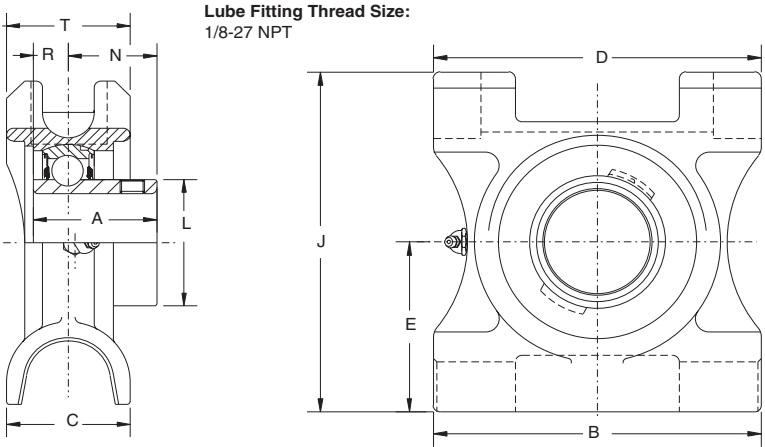
+.010, -.020" +.25, -.50mm

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings
TYPE G NORMAL DUTY TOP ANGLE TAKE-UP BEARINGS



Series	Shaft Size	Part No.	Description
210	1-15/16	012340	TP-G-115
	2	012302	TP-G-200
211	2	136081	TP-GM-200
	2-3/16	012341	TP-G-203
	2-1/4	012303	TP-G-204
212	2-1/4	136082	TP-GM-204
	2-7/16	012342	TP-G-207
214	2-1/2	136083	TP-GM-208
	2-11/15	@	TP-G-211
215	2-15/16	012343	TP-G-215

@ Assembled to order

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings

TYPE G NORMAL DUTY TOP ANGLE TAKE-UP BEARINGS

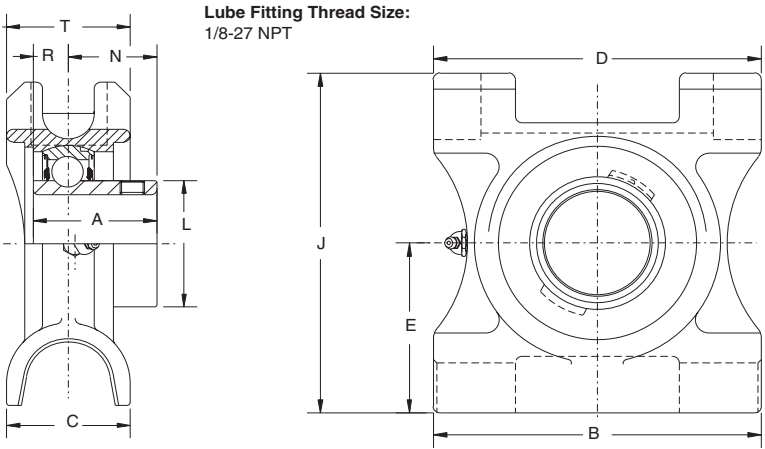
Series	Shaft Size	Weight lbs.	Frame Size	A	B	C	D	E	J	L	N	R	T
210	1-15/16 2	10.2 10.0	TP10	1-3/4	6-1/2	2-3/8	6	3-1/4	6-3/8	2-7/16	1-5/32	19/32	2-3/8
211	2 2-3/16 2-1/4	12.5 12.4 1.02	TP20	1-27/32	7	2-1/2	6-3/4	3-3/8	6-7/8	2-23/32	1-7/32	5/8	2-3/8
212	2-1/4 2-7/16	16.0 15.9	TP30	1-63/64	7-1/2	2-3/4	7	3-1/2	7-7/16	2-31/32	1-5/16	43/64	2-3/4
214	2-1/2 2-11/15	21.3 21.1	TP40	2-15/64	8-1/2	2-1/2	8	4	8-15/16	3-5/16	1-7/16	51-64	2-3/4
215	2-15/16	21.2	TP40	2-9/64	8-1/2	2-1/2	8	4	8-5/16	3-5/8	1-15/32	13/16	2-3/4

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings
TYPE GM MEDIUM DUTY TOP ANGLE TAKE-UP BEARINGS



Series	Shaft Size	Part No.	Description
210	1-11/16	136070	TP-GM-111
	1-3/4	136080	TP-GM-112
211	1-15/16	136071	TP-GM-115
	2	136081	TP-GM-200
212	2-3/16	136072	TP-GM-203
	2-1/4	136082	TP-GM-204
214	2-7/16	136073	TP-GM-207
	2-1/2	136083	TP-GM-208
215	2-11/16	136076	TP-GM-211
216	2-15/16	136074	TP-GM-215
	3	136084	TP-GM-300
218	3-7/16	136075	TP-GM-307
	3-1/2	136085	TP-GM-308

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings

TYPE GM MEDIUM DUTY TOP ANGLE TAKE-UP BEARINGS

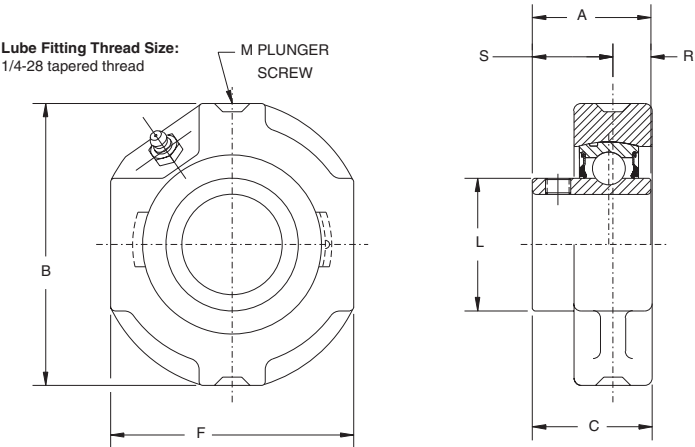
Series	Shaft Size	Weight lbs.	Frame Size	A	B	C	D	E	J	L	N	R	T
210	1-11/16 1-3/4	10.4 10.0	TP10	1-3/4	6-1/2	2-3/8	6	3-1/4	6-3/8	2-7/16	1-5/32	19/32	2-3/8
211	1-15/16 2	12.8 12.5	TP20	1-27/32	7	2-1/2	6-3/4	3-3/8	6-7/8	2-23/32	1-7/32	5/8	2-3/8
212	2-3/16 2-1/4	16.2 16.0	TP30	1-63/64	7-1/2	2-3/4	7	3-1/2	7-7/16	2-31/32	1-5/16	43/64	2-3/4
214	2-7/16 2-1/2	21.7 21.0	TP40	2-15/64	8-1/2	2-1/2	8	4	8-5/16	3-5/16	1-7/16	51/64	2-3/4
215	2-11/16	25.0	TP40	2-9/32	8-1/2	2-1/2	8	4	8-5/16	3-5/8	1-15/32	13/16	2-3/4
216	2-15/16 3	29.8 29.5	TP50	2-11/64	9-1/2	2-3/4	9	4-1/2	9-5/8	3-53/64	1-1/2	43/64	3-1/8
218	3-7/16 3-1/2	40.2 40.0	TP60	2-31/64	11	3-1/8	10-1/2	5-1/2	11	4-23/64	1-9/16	59/64	3-1/8

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings
SC NORMAL DUTY HANGER BEARINGS



Series	Shaft Size	Part No.	Description
206	1-1/16	124420	HNG-SC-101
	1-1/8	124421	HNG-SC-102
	1-3/16	124240	HNG-SC-103
	1-1/4	123176	HNG-SC-104S
207	1-1/4	124422	HNG-SC-104
	1-5/16	124423	HNG-SC-105
	1-3/8	124424	HNG-SC-106
	1-7/16	124242	HNG-SC-107
210	1-15/16	124245	HNG-SC-115
	2	124393	HNG-SC-200

These bearings are designed for use in 4-point hanger frames.

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SC NORMAL DUTY HANGER BEARINGS

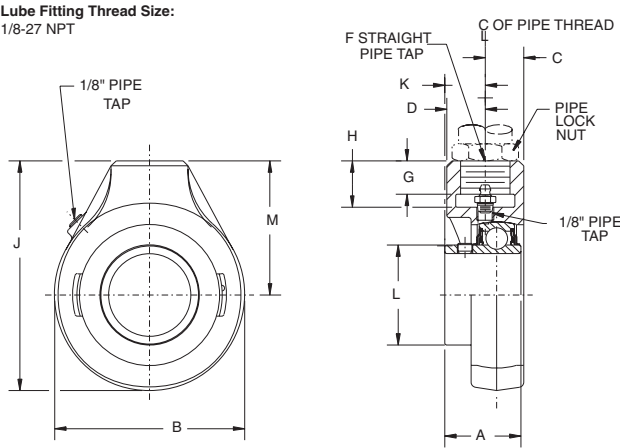
Series	Shaft Size	Weight lbs.	A	B	C	F	L	M	R	S
206	1-1/16	2.0	1-25/64	3-5/8	1-15/32	3	1-37/64	1/2	31/64	29/32
	1-1/8	1.9								
	1-3/16	1.8								
	1-1/4	1.7								
207	1-1/4	2.8	1-17/32	4-1/4	1-43/64	3-1/2	1-27/32	1/2	1/2	1-1/32
	1-5/16	2.6								
	1-3/8	2.4								
	1-7/16	2.2								
210	1-15/16	6.2	1-3/4	5	1-31/32	4-3/16	2-7/16	5/8	19/32	1-5/32
	2	6.0								

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SC NORMAL DUTY SCREW CONVEYOR HANGER BEARINGS



Series	Shaft Size	Part No.	Description
206	1	057878	SCHB-SC-100
	1-1/8	@	SCHB-SC-102
207	1-3/16	057220	SCHB-SC-103
	1-1/4	124996	SCHB-SC-104
	1-3/8	058630	SCHB-SC-106
208	1-7/16	126049	SCHB-SC-107
	1-1/2	124290	SCHB-SC-108
	1-5/8	124404	SCHB-SC-110
210	1-11/16	124408	SCHB-SC-111
	1-3/4	124299	SCHB-SC-112
	1-15/16	124405	SCHB-SC-115
	2	124291	SCHB-SC-200
212	2-3/16	124409	SCHB-SC-203
	2-1/4	124419	SCHB-SC-204
	2-7/16	124292	SCHB-SC-207
216	2-15/16	124406	SCHB-SC-215
	3	124293	SCHB-SC-300
218	3-7/16	053320	SCHB-SC-307
	3-1/2	057361	SCHB-SC-308

@ Assembled to order

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings

SC NORMAL DUTY SCREW CONVEYOR HANGER BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Size	Weight Lbs.	A	B	C	D	F*	G	H	J	K	L	M
206	1 1-1/8	3.0	1-25/64	3-1/8	53/64	47/64	3/4 - 14	3/4	15/16	4-1/16	55/64	1-37/64	2-1/2
207	1-3/16 1-1/4 1-3/8	3.5 3.5 3.5	1-17/32	3-7/8	53/64	53/64	3/4 - 14	5/8	15/16	4-11/16	31/32	1-27/32	2-3/4
208	1-7/16 1-1/2 1-5/8	3.4 3.4 3.8	1-11/16	4	53/64	53/64	3/4 - 14	5/8	15/16	4-7/8	59/64	2-3/64	2-7/8
210	1-11/16 1-3/4 1-15/16 2	5.4 4.8 4.5 4.4	1-3/4	4-5/8	15/16	7/8	1 - 11 1/2	13/16	1-1/8	5-9/16	7/8	2-7/16	3-1/4
212	2-3/16 2-1/4 2-7/16	5.0 5.0 7.4	1-63/64	5-1/2	1-5/32	1-5/32	1-1/4 - 11 1/2	1-1/8	1-7/16	6-3/4	31/32	2-31/32	4
216	2-15/16 3	14.0 14.6	2-11/64	7	1-23/64	1-13/32	1-1/2 - 11 1/2	1-1/4	1-11/16	8-3/8	1-11/64	3-53/64	4-7/8
218	3-7/16 3-1/2	21.2 21.0	2-31/64	8-5/16	1-3/4	1-3/4	2 - 11 1/2	1-3/4	2-3/16	10-5/32	1-23/64	4-23/64	6

Use straight thread for the pipe. Bearing to be secured with a heavy locknut

Pipe plug and lube fitting are factory installed and may be reversed from position shown

NOTE: Inserts use the ProGuard Plus (-FF) seals. 1, 1-3/16, 1-7/16, 1-11/16, 1-3/4, 2-3/16, 2-1/4
2-15/16, 3, 3-7/16 & 3-1/2 use SCM inserts with flingers.

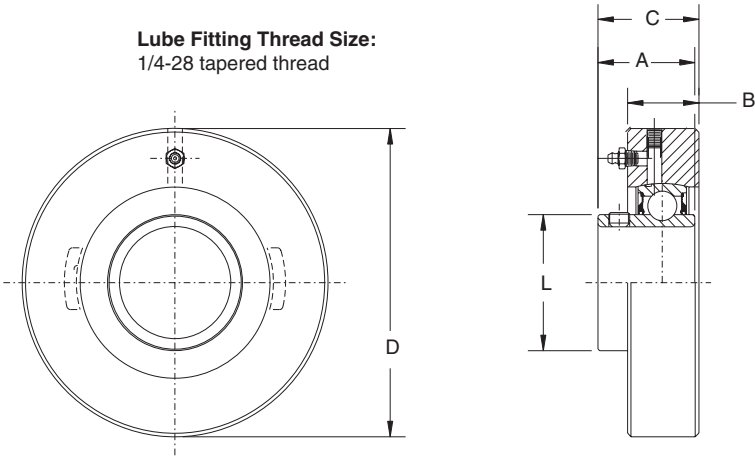
FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SC NORMAL DUTY CYLINDRICAL UNITS

Lube Fitting Thread Size:
1/4-28 tapered thread



Series	Shaft Size	Part No.	Description
205	7/8	124394	CYL-SC-014
	15/16	124148	CYL-SC-015
	1	124149	CYL-SC-100
206	1-1/16	124427	CYL-SC-101
	1-1/8	124428	CYL-SC-102
	1-3/16	124250	CYL-SC-103
	1-1/4	123177	CYL-SC-104S
207	1-1/4	124251	CYL-SC-104
	1-5/16	124429	CYL-SC-105
	1-3/8	124430	CYL-SC-106
	1-7/16	124253	CYL-SC-107

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SC NORMAL DUTY CYLINDRICAL UNITS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setcrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs.	A	B	C	D#	L
205	7/8	1.4	1-3/16	27/32	1-11/64	3-1/8	1-21/64
	15/16	1.3					
	1	1.2					
206	1-1/16	2.2	1-25/64	15/16	1-11/32	3-1/2	1-37/64
	1-1/8	2.1					
	1-3/16	2.0					
	1-1/4	1.9					
207	1-1/4	2.8	1-17/32	1-1/16	1-17/32	3-7/8	1-27/32
	1-5/16	2.7					
	1-3/8	2.6					
	1-7/16	2.5					

+.000" -.002

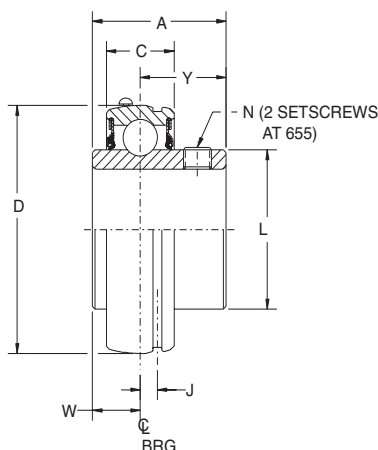
To prevent the housing from rotating in the machine frame, tap a hole on the joint between the housing O.D. and the machine frame bore and lock with a set-screw.

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SC NORMAL DUTY BEARING INSERTS



Series	Shaft Size	Standard Insert		Insert With Flingers		Corrosion Resistant Insert		High Temp	
		Part No.	Description	Part No.	Description	Part No.	Description	Part No.	Description
203	1/2	123328	INS-SC-008	052159	INS-SC-008-FF	059759	INS-SC-008-CR*	-----	INS-SC-008-HT
	5/8	123329	INS-SC-010	@	INS-SC-010-FF	@	INS-SC-010-CR*	-----	INS-SC-010-HT
	17mm	125800	INS-SC-17M	@	INS-SC-17M-FF	@	INS-SC-17M-CR*	-----	INS-SC-17M-HT
204	1/2	123330	INS-SC-008L	@	INS-SC-008L-FF	052981	INS-SC-008L-CR*	@	INS-SC-008L-HT
	5/8	123331	INS-SC-010L	124932	INS-SC-010L-FF	127073	INS-SC-010L-CR*	@	INS-SC-010L-HT
	3/4	123332	INS-SC-012	123070	INS-SC-012-FF	045600	INS-SC-012-CR	052032	INS-SC-012-HT
	13/16	@	INS-SC-013	@	INS-SC-013-FF	@	INS-SC-013-CR*	@	INS-SC-013-HT
	20mm	125802	INS-SC-20M	050524	INS-SC-20M-FF	125873	INS-SC-20M-CR*	@	INS-SC-20M-HT
205	7/8	123333	INS-SC-014	124931	INS-SC-014-FF	058665	INS-SC-014-CR*	@	INS-SC-014-HT
	15/16	123334	INS-SC-015	123069	INS-SC-015-FF	@	INS-SC-015-CR*	@	INS-SC-015-HT
	1	123335	INS-SC-100	123071	INS-SC-100-FF	045601	INS-SC-100-CR	054949	INS-SC-100-HT
	25mm	125804	INS-SC-25M	052620	INS-SC-25M-FF	050580	INS-SC-25M-CR	@	INS-SC-25M-HT
206	1-1/16	123336	INS-SC-101	@	INS-SC-101-FF	@	INS-SC-101-CR*	@	INS-SC-101-HT
	1-1/8	123337	INS-SC-102	123234	INS-SC-102-FF	@	INS-SC-102-CR*	@	INS-SC-102-HT
	1-3/16	123338	INS-SC-103	123072	INS-SC-103-FF	045602	INS-SC-103-CR	@	INS-SC-103-HT
	1-1/4	123469	INS-SC-104S	123073	INS-SC-104S-FF	045603	INS-SC-104S-CR	@	INS-SC-104S-HT
	30mm	125806	INS-SC-30M	052621	INS-SC-30M-FF	125874	INS-SC-30M-CR	@	INS-SC-30M-HT
207	1-1/4	123339	INS-SC-104	123074	INS-SC-104-FF	045412	INS-SC-104-CR	053776	INS-SC-104-HT
	1-5/16	123340	INS-SC-105	057102	INS-SC-105-FF	058345	INS-SC-105-CR*	057201	INS-SC-105-HT
	1-3/8	123341	INS-SC-106	123460	INS-SC-106-FF	058965	INS-SC-106-CR*	057354	INS-SC-106-HT
	1-7/16	123368	INS-SC-107	123075	INS-SC-107-FF	045604	INS-SC-107-CR	052645	INS-SC-107-HT
	35mm	125808	INS-SC-35M	052622	INS-SC-35M-FF	050653	INS-SC-35M-CR	@	INS-SC-35M-HT

© Assembled to order

* 20 piece minimum

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SC NORMAL DUTY BEARING INSERTS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

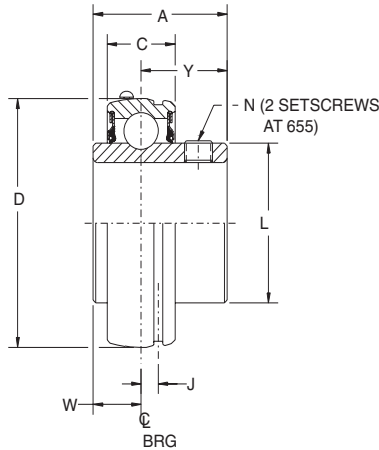
Series	Shaft Size	Weight lbs., kgs.	A	C	D	J	L	N	W	Y
203	1/2	.25	1	.511	1.5748	0.150	31/32	10-32	23/64	41/64
	5/8	.23								
	17mm	.10	25.4	13.0	40.0	3.0	24.6	M5x.8	9.1	16.3
204	1/2	.38	1-5/32	.5906	1.8504	0.152	1-1/8	10-32	27/64	47/64
	5/8	.35						10-32		
	3/4	.32						1/4-28		
	13/16	.29						1/4-28		
	20mm	.16	29.4	15.0	47.0	3.9	28.6	M6x1	10.7	18.7
205	7/8	.43	1-3/16	.5906	2.0472	.152	1-21/64	1/4-28	27/64	49/64
	15/16	.40								
	1	.37								
	25mm	.18	30.2	15.0	52.0	3.9	33.7	M6x1	10.7	19.4
206	1-1/16	.67	1-25/64	.7067	2.4409	.190	1-37/64	5/16-24	31/64	29/32
	1-1/8	.63						5/16-24		
	1-3/16	.60						5/16-24		
	1-1/4	.58						1/4-28		
	30mm	.27	35.3	18.0	62.0	4.8	40.1	M8x1.25	12.3	23.0
207	1-1/4	1.02	1-17/32	.7480	2.8346	.202	1-27/32	5/16-24	1/2	1-1/32
	1-5/16	.97								
	1-3/8	.92								
	1-7/16	.86								
	35mm	.44	38.9	19.0	72.0	5.1	46.8	M8x1.25	12.7	26.2

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SC NORMAL DUTY BEARING INSERTS



Series	Shaft Size	Standard Insert		Insert With Fingers		Corrosion Resistant Insert		High Temp	
		Part No.	Description	Part No.	Description	Part No.	Description	Part No.	Description
208	1-1/2	123342	INS-SC-108	123075	INS-SC-108-FF	045605	INS-SC-108-CR	@	INS-SC-108-HT
	1-5/8	123343	INS-SC-110	123409	INS-SC-110-FF	@	INS-SC-110-CR*	@	INS-SC-110-HT
	40mm	125810	INS-SC-40M	052623	INS-SC-40M-FF	050654	INS-SC-40M-CR	@	INS-SC-40M-HT
209	1-5/8	045874	INS-SC-110L	@	INS-SC-110L-FF	@	INS-SC-110L-CR*	@	INS-SC-110L-HT
	1-11/16	123344	INS-SC-111	@	INS-SC-111-FF	125004	INS-SC-111-CR	053565	INS-SC-111-HT
	1-3/4	123345	INS-SC-112	045677	INS-SC-112-FF	054145	INS-SC-112-CR*	@	INS-SC-112-HT
	1-13/16	054225	INS-SC-113	@	INS-SC-113-FF	@	INS-SC-113-CR*	@	INS-SC-113-HT
	45mm	125812	INS-SC-45M	@	INS-SC-45M-FF	125005	INS-SC-45M-CR*	@	INS-SC-45M-HT
210	1-15/16	123346	INS-SC-115	123077	INS-SC-115-FF	045606	INS-SC-115-CR	054019	INS-SC-115-HT
	2	123347	INS-SC-200	123413	INS-SC-200-FF	045338	INS-SC-200-CR	054431	INS-SC-200-HT
	50mm	125814	INS-SC-50M	@	INS-SC-50M-FF	050656	INS-SC-50M-CR	@	INS-SC-50M-HT
211	2	123358	INS-SCM-200	@	INS-SCM-200-FF	125175	INS-SCM-200-CR*	058157	INS-SCM-200-HT
	2-3/16	123348	INS-SC-203	058230	INS-SC-203-FF	058178	INS-SC-203-CR*	@	INS-SC-203-HT
	2-1/4	123349	INS-SC-204	058220	INS-SC-204-FF	053825	INS-SC-204-CR*	@	INS-SC-204-HT
	55mm	125816	INS-SC-55M	@	INS-SC-55M-FF	@	INS-SC-55M-CR*	@	INS-SC-55M-HT
212	2-1/4	123360	INS-SCM-204	064636	INS-SCM-204-FF	053900	INS-SCM-204-CR*	@	INS-SCM-204-HT
	2-7/16	123350	INS-SC-207	123416	INS-SC-207-FF	057681	INS-SC-207-CR*	054196	INS-SC-207-HT
	60mm	125818	INS-SC-60M	@	INS-SC-60M-FF	@	INS-SC-60M-CR*	057802	INS-SC-60M-HT
214	2-1/2	123362	INS-SCM-208	@	INS-SCM-208-FF	053831	INS-SCM-208-CR*	@	INS-SCM-208-HT
	2-11/16	123326	INS-SC-211	@	INS-SC-211-FF	@	INS-SC-211-CR*	@	INS-SC-211-HT
	70mm	125820	INS-SC-70M	@	INS-SC-70M-FF	@	INS-SC-70M-CR*	@	INS-SC-70M-HT
215	2-15/16	123352	INS-SC-215	050365	INS-SC-215-FF	@	INS-SC-215-CR*	@	INS-SC-215-HT
	75mm	125822	INS-SC-75M	@	INS-SC-75M-FF	@	INS-SC-75M-CR*	@	INS-SC-75M-HT
218	90mm	@	INS-SC-90M	@	INS-SC-90M-FF	@	INS-SC-90M-CR*	@	INS-SC-90M-HT

@ Assembled to order.

* 20 piece minimum

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SC NORMAL DUTY BEARING INSERTS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

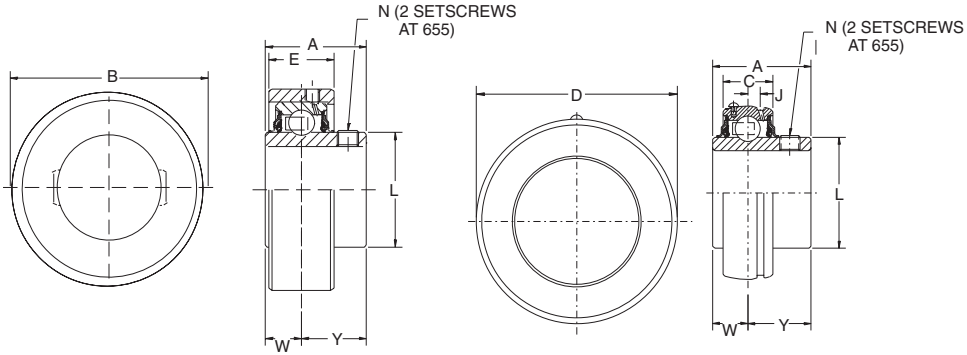
Series	Shaft Size	Weight lbs. kgs.	A	C	D	J	L	N	W	Y
208	1-1/2	1.27	1-11/16	.8661	3.149	.224	2-3/64	5/16-24	19/32	1-3/32
	1-5/8	1.13								
	40mm	0.51	42.9	22.0	80.0	5.7	52.0	M8x1.25	15.1	27.8
209	1-5/8	1.49	1-23/32	.8661	3.3465	.248	2-7/32	5/16-24	19/32	1-1/8
	1-11/16	1.43								
	1-3/4	1.36								
	1-13/16	1.30								
	45mm	0.62	43.7	22.0	85.0	6.3	56.4	M8x1.25	15.1	28.6
210	1-15/16	1.48	1-3/4	.8661	3.5433	.248	2-7/16	3/8-24	19/32	1-5/32
	2	1.39								
	50mm	0.67	44.5	22.0	90.0	6.3	61.9	M10x1.5	15.1	29.4
211	2	2.26	1-27/32	.9449	3.9370	.267	2-23/32	3/8-24	5/8	1-7/32
	2-3/16	1.97								
	2-1/4	1.87								
	55mm	0.89	46.8	24.0	100.0	6.8	69.1	M10x1.5	15.9	31.0
212	2-1/4	2.85	1-63/64	1.0240	4.3307	.250	2-31/32	3/8-24	43/64	1-5/16
	2-7/16	2.49								
	60mm	1.13	50.4	26.0	110.0	6.4	75.4	M10x1.5	17.1	33.3
214	2-1/2	4.25	2-15/64	1.1020	4.9213	.264	3-5/16	3/8-24	51/64	1-7/16
	2-11/16	3.60								
	70mm	1.63	56.8	28.0	125.0	6.7	84.1	M10x1.5	20.2	36.5
215	2-15/16	3.86	2-9/32	1.1420	5.1181	.265	3-5/8	3/8-24	13/16	1-15/32
	75mm	1.75	57.9	29.0	130.0	6.7	92.1	M10x1.5	20.6	37.3
218	90mm	3.30	63.1	34.0	160.0	7.6	110.7	M10x1.5	23.4	39.7

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SCH-E EXPANSION AND SCH NON-EXPANSION NORMAL DUTY BEARING INSERTS



Series	Shaft Size	Expansion		Non-Expansion	
		Part No.	Description	Part No.	Description
206	1	@	INS-SCMH-100-E	@	INS-SCMH-100
	1-1/16	@	INS-SCH-101-E	@	INS-SCH-101M
	1-1/8	@	INS-SCH-102-E	@	INS-SCH-102
	1-3/16	126495	INS-SCH-103-E	126490	INS-SCH-103
	1-1/4	@	INS-SCH-104S-E	@	INS-SCH-104S
	30mm	049925	INS-SCH-30M-E	@	INS-SCH-30M
207	1-1/4	@	INS-SCH-104-E	@	INS-SCH-104
	1-5/16	@	INS-SCH-105-E	@	INS-SCH-105
	1-3/8	@	INS-SCH-106-E	@	INS-SCH-106
	1-7/16	126496	INS-SCH-107-E	126491	INS-SCH-107
	35mm	@	INS-SCH-35M-E	@	INS-SCH-35M
209	1-1/2	@	INS-SCMH-108-E	@	INS-SCMH-108
	1-5/8	@	INS-SCH-110-E	@	INS-SCH-110
	1-11/16	@	INS-SCH-111-E	@	INS-SCH-111
	1-3/4	@	INS-SCH-112-E	@	INS-SCH-112
	45mm	@	INS-SCH-45M-E	@	INS-SCH-45M
210	1-11/16	@	INS-SCMH-111-E	@	INS-SCMH-111
	1-3/4	@	INS-SCMH-112-E	@	INS-SCMH-112
	1-15/16	126497	INS-SCH-115-E	126492	INS-SCH-115
	2	@	INS-SCH-200-E	@	INS-SCH-200
	50mm	@	INS-SCH-50M-E	@	INS-SCH-50M
211	1-15/16	@	INS-SCMH-115-E	@	INS-SCMH-115
	2	@	INS-SCMH-200-E	@	INS-SCMH-200
	2-3/16	126498	INS-SCH-203-E	126493	INS-SCH-203
	2-1/4	@	INS-SCH-204-E	@	INS-SCH-204
	55mm	@	INS-SCH-55M-E	@	INS-SCH-55M
212	2-3/16	@	INS-SCMH-203-E	@	INS-SCMH-203
	2-1/4	@	INS-SCMH-204-E	@	INS-SCMH-204
	2-7/16	126499	INS-SCH-207-E	126494	INS-SCH-207
	60mm	@	INS-SCH-60M-E	@	INS-SCH-60M

@Assembled to order

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings

SCH-E EXPANSION AND SCH NON-EXPANSION NORMAL DUTY BEARING INSERTS

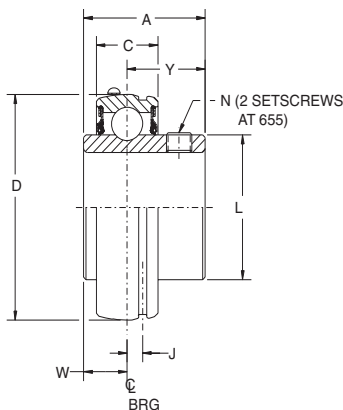
Series	Shaft Size	Weight - Expansion lbs kgs	Weight - Non-Expansion lbs kgs	A	B	C	D	E	J	L	N	W	Y
206	1	1.29	0.69	1-25/64	2.875	15/16	2.4409	15/16	0.190	1-37/64	5/16-24	31/64	29/32
	1-1/16	1.26	0.66										
	1-1/8	1.23	0.63										
	1-3/16	1.20	0.60										
	1-1/4	1.18	0.58										
	30mm	0.54	0.26										
207	1-1/4	1.50	1.02	1-17/32	3.272	1	2.8346	1	0.190	1-27/32	5/16-24	1/2	1-1/32
	1-5/16	1.49	0.97										
	1-3/8	1.48	0.92										
	1-7/16	1.47	0.86										
	35mm	0.67	0.44										
209	1-1/2	2.51	1.62	1-23/32	3.813	1-1/4	3.3465	1-1/4	0.248	2-7/32	5/16-24	19/32	1-1/8
	1-5/8	2.48	1.49										
	1-11/16	2.45	1.43										
	1-3/4	2.43	1.36										
	45mm	1.10	1.30										
210	1-11/16	2.56	1.82	1-3/4	4.000	1-13/32	3.5433	1-13/32	0.248	2-7/16	3/8-24	19/32	1-5/32
	1-3/4	2.53	1.74										
	1-15/16	2.50	1.48										
	2	2.48	1.39										
	50mm	1.13	0.67										
211	1-15/16	3.46	2.36	1-27/32	4.475	1-7/16	3.9370	1-7/16	0.267	2-23/32	3/8-24	5/8	1-7/32
	2	3.43	2.26										
	2-3/16	3.40	1.97										
	2-1/4	3.38	1.87										
	55mm	1.53	0.89										
212	2-3/16	4.56	2.97	1-63/64	5.035	1-5/8	4.3307	1-5/8	0.250	2-31/32	3/8-24	43/64	1-5/16
	2-1/4	4.53	2.85										
	2-7/16	4.50	2.49										
	60mm	2.04	1.13										

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SCM MEDIUM DUTY BEARING INSERTS



Series	Shaft Size	Standard Insert		Insert With Flingers		Corrosion Resistant Insert		High Temp	
		Part No.	Description	Part No.	Description	Part No.	Description	Part No.	Description
206	1	123419	INS-SCM-100	@	INS-SCM-100-FF	@	INS-SCM-100-CR*	@	INS-SCM-100-HT
	25mm	125825	INS-SCM-25M	@	INS-SCM-25M-FF	@	INS-SCM-25M-CR*	@	INS-SCM-25M-HT
207	1-3/16	123420	INS-SCM-103	052841	INS-SCM-103-FF	@	INS-SCM-103-CR*	@	INS-SCM-103-HT
	1-1/4	123339	INS-SC-104	123074	INS-SC-104-FF	045412	INS-SC-104-CR	053776	INS-SC-104-HT
208	30mm	125826	INS-SCM-30M	@	INS-SCM-30M-FF	@	INS-SCM-30M-CR*	@	INS-SCM-30M-HT
	1-7/16	123353	INS-SCM-107	123445	INS-SCM-107-FF	@	INS-SCM-107-CR*	@	INS-SCM-107-HT
209	1-1/2#	123342	INS-SC-108	123076	INS-SC-108-FF	045605	INS-SC-108-CR	@	INS-SC-108-HT
	35mm	125828	INS-SCM-35M	@	INS-SCM-35M-FF	@	INS-SCM-35M-CR*	@	INS-SCM-35M-HT
210	1-1/2	123354	INS-SCM-108	@	INS-SCM-108-FF	@	INS-SCM-108-CR*	@	INS-SCM-108-HT
	1-5/8	045874	INS-SC-110L	@	INS-SC-110L-FF	@	INS-SC-110L-CR*	@	INS-SC-110L-HT
211	40mm	125830	INS-SCM-40M	@	INS-SCM-40M-FF	@	INS-SCM-40M-CR*	@	INS-SCM-40M-HT
	1-11/16	123355	INS-SCM-111	051787	INS-SCM-111-FF	@	INS-SCM-111-CR*	@	INS-SCM-111-HT
212	1-3/4	123356	INS-SCM-112	@	INS-SCM-112-FF	@	INS-SCM-112-CR*	@	INS-SCM-112-HT
	45mm	125832	INS-SCM-45M	@	INS-SCM-45M-FF	@	INS-SCM-45M-CR*	@	INS-SCM-45M-HT
213	1-15/16	123357	INS-SCM-115	050493	INS-SCM-115-FF	058397	INS-SCM-115-CR*	@	INS-SCM-115-HT
	2	123358	INS-SCM-200	@	INS-SCM-200-FF	125175	INS-SCM-200-CR*	058157	INS-SCM-200-HT
214	50mm	125834	INS-SCM-50M	@	INS-SCM-50M-FF	@	INS-SCM-50M-CR*	@	INS-SCM-50M-HT
	2-3/16	123359	INS-SCM-203	050186	INS-SCM-203-FF	@	INS-SCM-203-CR*	@	INS-SCM-203-HT
215	2-1/4	123360	INS-SCM-204	064636	INS-SCM-204-FF	053900	INS-SCM-204-CR*	@	INS-SCM-204-HT
	55mm	125836	INS-SCM-55M	@	INS-SCM-55M-FF	@	INS-SCM-55M-CR*	@	INS-SCM-55M-HT
216	2-7/16	123361	INS-SCM-207	123424	INS-SCM-207-FF	@	INS-SCM-207-CR*	056912	INS-SCM-207-HT
	2-1/2	123362	INS-SCM-208	@	INS-SCM-208-FF	053831	INS-SCM-208-CR*	@	INS-SCM-208-HT
217	60mm	125838	INS-SCM-65M	@	INS-SCM-65M-FF	@	INS-SCM-65M-CR*	@	INS-SCM-65M-HT
	2-11/16	123363	INS-SCM-211	@	INS-SCM-211-FF	@	INS-SCM-211-CR*	@	INS-SCM-211-HT
218	70mm	125840	INS-SCM-70M	@	INS-SCM-70M-FF	@	INS-SCM-70M-CR*	@	INS-SCM-70M-HT
	2-15/16	123364	INS-SCM-215	123456	INS-SCM-215-FF	045764	INS-SCM-215-CR*	049918	INS-SCM-215-HT
219	3	123365	INS-SCM-300	123457	INS-SCM-300-FF	@	INS-SCM-300-CR*	@	INS-SCM-300-HT
	75mm	125842	INS-SCM-75M	@	INS-SCM-75M-FF	@	INS-SCM-75M-CR*	@	INS-SCM-75M-HT
220	3-7/16	123366	INS-SCM-307	123423	INS-SCM-307-FF	045765	INS-SCM-307-CR*	@	INS-SCM-307-HT
	3-1/2	123367	INS-SCM-308	@	INS-SCM-308-FF	@	INS-SCM-308-CR*	@	INS-SCM-308-HT
221	85mm	125844	INS-SCM-85M	@	INS-SCM-85M-FF	@	INS-SCM-85M-CR*	@	INS-SCM-85M-HT

@ Assembled to order

SCM Piloted Flange Only

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings SCM MEDIUM DUTY BEARING INSERTS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

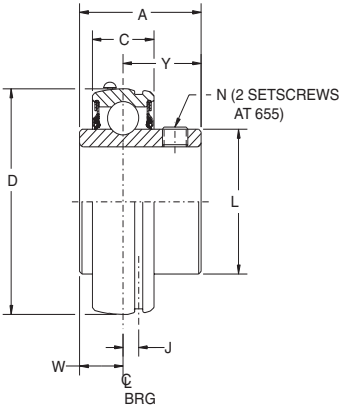
Series	Shaft Size	Weight lbs.	A	C	D	J	L	N	W	Y
206	1	0.71	1-25/64	.7067	2.4409	.190	1-37/64	5/16-24	31/64	29/32
	25mm	0.32	35.3	18.0	62.0	4.8	40.1	M8x1.25	23.0	23.0
207	1-3/16	1.07	1-17/32	.7480	2.8346	.202	1-27/32	5/16-24	1/2	1-1/32
	1-1/4	1.02								
	30mm	0.53	38.9	19.0	72.0	5.1	46.8	M8x1.25	12.7	26.2
208	1-7/16	1.32	1-11/16	.8661	3.1496	.224	2-3/64	5/16-24	19/32	1-3/32
	1-1/2	1.27								
	35mm	0.60	42.9	22.0	80.0	5.7	52.0	M8x1.25	15.1	27.8
209	1-1/2	1.62	1-23/32	.8661	3.3465	.248	2-7/32	5/16-24	19/32	1-1/8
	1-5/8	1.49								
	40mm	0.71	43.7	22.0	85.0	6.3	56.4	M8x1.25	15.1	28.6
210	1-11/16	1.82	1-3/4	.8661	3.5433	.248	2-7/16	3/8-24	19/32	1-5/32
	1-3/4	1.74								
	45mm	0.76	44.5	22.0	90.0	6.3	61.9	M10x1.5	15.1	29.4
211	1-15/16	2.36	1-27/32	.9449	3.9370	.267	2-23/32	3/8-24	5/8	1-7/32
	2	2.26								
	50mm	1.03	46.8	24.0	100.0	6.8	69.1	M10x1.5	15.9	31
212	2-3/16	2.97	1-63/64	1.0240	4.3307	.250	2-31/32	3/8-24	43/64	1-5/16
	2-1/4	2.85								
	55mm	1.27	50.4	26.0	110.0	6.4	75.4	M10x1.5	17.1	33.3
214	2-7/16	4.39	2-15/64	1.1020	4.3307	.265	3-5/16	3/8-245	51/64	1-7/16
	2-1/2	4.25								
	60mm	1.86	56.8	28.0	110.0	6.7	84.1	M10x1.	20.2	36.5
215	2-11/16	4.49	2-9/32	1.1420	5.1181	.265	3-5/8	3/8-24	13/16	1-15/32
	70mm	1.98	57.9	29.0	130.0	6.7	92.1	M10x1.5	20.6	37.3
216	2-15/16	5.54	2-11/32	1.1810	5.5118	.285	3-53/64	3/8-24	43/64	1-1/2
	3	5.52								
	75mm	2.51	59.5	30.0	140.0	7.2	97.2	M10x.15	17.1	38.1
218	3-7/16	7.35	2-31/64	1.3400	6.2992	.300	4-23/64	3/8-24	59/64	1-9/16
	3-1/2	7.33								
	85mm	3.33	63.1	34.0	160.0	7.6	110.7	M10x1.5	23.4	39.7

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings VSC INTERMEDIATE DUTY BEARING INSERTS



Series	Shaft Size	Part No.	Description
203	1/2	389923	INS-VSC-008
	5/8	389924	INS-VSC-010
	17mm	125636	INS-VSC-17M
204	3/4	389925	INS-VSC-012
	20mm	125637	INS-VSC-20M
205	7/8	389936	INS-VSC-014
	15/16	389937	INS-VSC-015
	1	389926	INS-VSC-100
	25mm	125638	INS-VSC-25M
206	1-1/8	389938	INS-VSC-102
	1-3/16	389927	INS-VSC-103
	1-1/4	389934	INS-VSC-104S
	30mm	123235	INS-VSC-30M
207	1-1/4	389928	INS-VSC-104
	1-3/8	389939	INS-VSC-106
	1-7/16	389929	INS-VSC-107
	35mm	125639	INS-VSC-35M
208	1-1/2	389930	INS-VSC-108
	40mm	125640	INS-VSC-40M
209	1-11/16	389940	INS-VSC-111
	1-3/4	389941	INS-VSC-112
	45mm	125641	INS-VSC-45M
210	1-15/16	389931	INS-VSC-115
	2	389932	INS-VSC-200
	50mm	125642	INS-VSC-50M
211	2	389935	INS-VSC-200L
	2-3/16	389933	INS-VSC-203
	55mm	125643	INS-VSC-55M

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings VSC INTERMEDIATE DUTY BEARING INSERTS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

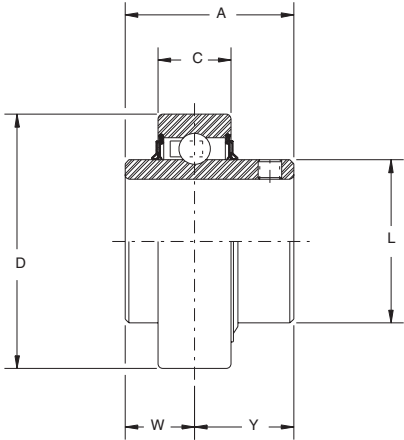
Series	Shaft Size	Weight lbs. kg.	A	C	D	J	L	N	W	Y
203	1/2	0.23	15/16	0.5110	1.5748	0.150	31/32	10-32	19/64	41/64
	5/8	0.21								
	17mm	0.10	23.8	13.0	40.0	3.8	24.6	M5 x 8	7.5	16.3
204	3/4	0.25	1-1/16	0.5906	1.8504	0.152	1-21/64	1/4-28	21/64	49/64
	20mm	0.11	27.0	15.0	47.0	3.9	28.6	M6 x 1	8.3	18.7
205	7/8	0.41	1-3/32	0.5906	2.0472	0.152	1-37/64	5/16-24	25/64	29/32
	15/16	0.38								
	1	0.25								
206	25mm	0.17	27.8	15.0	52.0	3.9	33.7	M6 x 1	8.3	19.4
	1-1/8	0.61	1-19/64	0.7067	2.4409	0.190	1-27/32	5/16-24	13/32	1-1/32
	1-3/16	0.58								
207	1-1/4	0.56								
	30mm	0.25	32.9	18.0	62.0	4.8	40.1	M8 x 1.25	9.9	23.0
208	1-1/4	0.92	1-7/16	0.7480	2.8346	0.202	2-3/64	5/16-24	15/32	1-3/32
	1-3/8	0.88								
	1-7/16	0.75								
209	35mm	0.38	36.5	19.0	72.0	5.1	46.8	M8 x 1.25	10.3	26.2
	1-1/2	1.20	1-9/16	0.8661	3.1496	0.224	2-7/32	5/16-24	15/32	1-1/8
	40mm	0.52	39.7	22.0	80.0	5.7	52.0	M8 x 1.25	11.9	27.8
210	1-11/16	1.41	1-19/32	0.8661	3.3465	0.248	2-7/16	3/8-24	15/32	1-5/32
	1-3/4	1.34								
	45mm	0.61	40.5	22.0	85.0	6.3	56.4	M8 x 1.25	11.9	28.6
211	1-15/16	1.46	1-5/8	0.8661	3.5433	0.248	2-23/32	3/8-24	1/2	1-7/32
	2	1.37								
	50mm	0.63	41.3	22.0	90.0	6.3	61.9	M10 x 1.5	11.9	29.4
211	2	2.24	1-23/32	0.9449	3.9370	0.267	2-23/32	3/8-24	1/2	1-7/32
	2-3/16	1.95								
	55mm	0.97	43.7	24.0	100.0	6.8	69.1	M10 x 1.5	12.7	31.0

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings CC BALL BEARING FAN AND BLOWER INSERTS



Series	Shaft Size	Part No.	Description
205	15/16	134161	INS-CC-015
	1	134162	INS-CC-100
206	1-1/8	134164	INS-CC-102
	1-3/16	134165	INS-CC-103
207	1-1/4	134166	INS-CC-104
	1-3/8	134168	INS-CC-106
	1-7/16	134169	INS-CC-107
209	1-11/16	134170	INS-CC-111
	1-3/4	134171	INS-CC-112
210	1-15/16	134172	INS-CC-115
211	2-3/16	134174	INS-CC-203

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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SELECTION/DIMENSIONS



Setscrew Ball Bearings CC BALL BEARING FAN AND BLOWER INSERTS

Series	Shaft Size	Weight lbs.	A	Nominal C in/mm	Nominal D in/mm	L	W	Y
205	15/16 1	.54 .51	1-23/64	.5906 15	2.0472 52	1-5/16	9/16	51/64
206	1-1/8 1-3/16	.89 .83	1-9/16	.6299 16	2.4409 62	1-19/32	39/64	61/64
207	1-1/4 1-3/8 1-7/16	1.44 1.26 1.20	1-49/64	.6693 17	2.8346 72	1-27/32	21/32	1-7/64
209	1-11/16 1-3/4	1.87 1.82	2-1/32	.7480 19	3.3465 85	2-9/32	51/64	1-15/64
210	1-15/16	2.18	2-3/32	.7874 20	3.5433 90	2-15/32	53/64	1-17/64
211	2-3/16	2.88	2-1/4	.8268 21	3.9370 100	2-3/4	27/32	1-13/32

The insert is relubricated through the back seal area of the bearing.

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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MODIFICATIONS/ ACCESSORIES



Setscrew Ball Bearings

LUBRICANTS

DODGE ball bearings are factory lubricated with Shell Alvania #2 lubricant. For applications where extreme ambient temperatures or speeds are anticipated or environmental considerations require a different lubricant, DODGE has a wide variety of lubricants available. Special lubricant options usually require set-up charges and premiums

SEALS

The PROGUARD PLUS seal is a highly effective positive contact, land riding seal with flingers pressed on to each side of the inner ring offering added protection from wash down or extreme contamination. For high speeds or where seal drag would be an impediment, an all metallic labyrinth seal is available.

HIGH TEMPERATURE

DODGE high temperature bearings are designed to operate in temperatures from 225°F (108°C) to 400°F (205°C). The bearings have adjusted internal clearances, metallic labyrinth seals, high temperature retainers, heat stabilized outer rings, and lubricants to meet the temperature needs of the application. To insure proper replacement, the bearing is identified by a six digit part number etched on a stainless steel nameplate riveted to the housing. The part number identifies the specific feature of the bearing. High temperature bearings are factory assembled to order and are available at extra cost. Consult Dodge Engineering for application assistance at (864)297-4800 or fax (864)281-2317.

AIR HANDLING

Industrial fans and blowers generally operate at high speeds with bearing requirements of long life and quiet operation. Dodge stocks SC, and SCM Air Handling Pillow Blocks and flange bearings that are specifically designed to meet the requirements of the air handling industry. These bearings are 100% noise tested, and have an air handling fit for long life and quiet operation. These bearings are recommended for fan and blower applications. Sizes and housing configurations not listed can be supplied on a made to order basis.

HOUSING MATERIAL

For extra corrosion resistance, a variety of housing finishes are available. Special materials include stainless steel or polymer housing, as an option. These coatings conform to U.S.D.A. and F.D.A. requirements. SC and SCM inserts can be supplied with a corrosion resistant coating on the inner and outer rings, stainless steel balls and set-screws, and nickel plated flingers as well as F.D.A. lubricant.

OTHER MODIFICATIONS

For applications requiring modifications not listed, we encourage you to contact our Customer Order Engineering Department at (864)284-5700 or fax (864)281-2317.

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	SELECTION/DIMENSIONS PAGE B3-10
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RELATED PRODUCTS



Setscrew Ball Bearings HIGH TEMPERATURE SC & SCM BALL BEARINGS

Series	Shaft Size	Pillow Blocks		2 Bolt Flanges		4 Bolt Flanges	
		Part Number	Description	Part Number	Description	Part Number	Description
204	1/2	@	P2B-SC-008L-HT	054843	F2B-SC-008L-HT	@	F4B-SC-008L-HT
	5/8	@	P2B-SC-010L-HT	057474	F2B-SC-010L-HT	@	F4B-SC-010L-HT
	3/4	053670	P2B-SC-012-HT	052618	F2B-SC-012-HT	058263	F4B-SC-012-HT
	20 mm	@	P2B-SC-20M-HT	@	F2B-SC-20M-HT	@	F4B-SC-20M-HT
205	7/8	@	P2B-SC-014-HT	051906	F2B-SC-014-HT	@	F4B-SC-014-HT
	15/16	@	P2B-SC-015-HT	056864	F2B-SC-015-HT	054190	F4B-SC-015-HT
	1	051513	P2B-SC-100-HT	052294	F2B-SC-100-HT	052015	F4B-SC-100-HT
	25 mm	@	P2B-SC-25M-HT	059821	F2B-SC-25M-HT	@	F4B-SC-25M-HT
206	1	054782	P2B-SCM-100-HT	@	F2B-SCM-100-HT	@	F4B-SCM-100-HT
	1-1/8	@	P2B-SC-102-HT	062877	F2B-SC-102-HT	@	F4B-SC-102-HT
	1-3/16	053169	P2B-SC-103-HT	052604	F2B-SC-103-HT	054419	F4B-SC-103-HT
	1-1/4	062829	P2B-SC-104S-HT	@	F2B-SC-104S-HT	049462	F4B-SC-104S-HT
	30 mm	@	P2B-SC-30M-HT	@	F2B-SC-30M-HT	054534	F4B-SC-30M-HT
206 (SCU)	1-1/8	@	P2B-SCU-102-HT	-----	-----	-----	-----
	1-3/16	059737	P2B-SCU-103-HT	-----	-----	-----	-----
	1-1/4	057847	P2B-SCU-104S-HT	-----	-----	-----	-----
	30 mm	@	P2B-SCU-30M-HT	-----	-----	-----	-----
207	1-3/16	054314	P2B-SCM-103-HT	@	F2B-SCM-103-HT	@	F4B-SCM-103-HT
	30mm	@	P2B-SCM-30M-HT	059673	F2B-SCM-30M-HT	@	F4B-SCM-30M-HT
	1-1/4	058262	P2B-SC-104-HT	052311	F2B-SC-104-HT	051826	F4B-SC-104-HT
	1-3/8	@	P2B-SC-106-HT	@	F2B-SC-106-HT	@	F4B-SC-106-HT
	1-7/16	050189	P2B-SC-107-HT	054300	F2B-SC-107-HT	@	F4B-SC-107-HT
	1-7/16	052531	P2B-SCB-107-HT	-----	-----	-----	-----
208	35 mm	@	P2B-SC-35M-HT	@	F2B-SC-35M-HT	058690	F4B-SC-35M-HT
	1-7/16	054276	P2B-SCM-107-HT	@	F2B-SCM-107-HT	054342	F4B-SCM-107-HT
	1-1/2	057338	P2B-SC-108-HT	054203	F2B-SC-108-HT	051827	F4B-SC-108-HT
	1-5/8	@	P2B-SC-110-HT	@	F2B-SC-110-HT	058194	F4B-SC-110-HT
	40 mm	062572	P2B-SC-40M-HT	@	F2B-SC-40M-HT	@	F4B-SC-40M-HT

@ Assembled to order.

FEATURES/BENEFITS PAGE B3-2	SELECTION PAGE B3-6	SELECTION/DIMENSIONS PAGE B3-10	MODIFICATION/ACCESSORIES PAGE B3-132
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RELATED PRODUCTS



Setscrew Ball Bearings HIGH TEMPERATURE SC & SCM BALL BEARINGS

Series	Shaft Size	Pillow Blocks		2 Bolt Flanges		4 Bolt Flanges	
		Part Number	Description	Part Number	Description	Part Number	Description
209	1-1/2	058380	P2B-SCM-108-HT	054203	F2B-SCM-108-HT	064557	F4B-SCM-108-HT
	1-5/8	@	P2B-SC-110L-HT	@	F2B-SC-110L-HT	@	F4B-SC-110L-HT
	1-11/16	053563	P2B-SC-111-HT	@	F2B-SC-111-HT	057212	F4B-SC-111-HT
	1-11/16	058619	P2B-SCB-111-HT	-----	-----	-----	-----
	1-3/4	@	P2B-SC-112-HT	062157	F2B-SC-112-HT	051825	F4B-SC-112-HT
	45 mm	@	<i>P2B-SC-45M-HT</i>	@	<i>F2B-SC-45M-HT</i>	@	<i>F4B-SC-45M-HT</i>
210	1-11/16	054315	P2B-SCM-111-HT	@	F2B-SCM-111-HT	054593	F4B-SCM-111-HT
	1-3/4	@	P2B-SCM-112-HT	057114	F2B-SCM-112-HT	057368	F4B-SCM-112-HT
	1-15/16	052047	P2B-SC-115-HT	@	F2B-SC-115-HT	052048	F4B-SC-115-HT
	1-15/16	052532	P2B-SCB-115-HT	-----	-----	-----	-----
	2	058183	P2B-SC-200-HT	062309	F2B-SC-200-HT	057132	F4B-SC-200-HT
	50 mm	@	<i>P2B-SC-50M-HT</i>	062779	<i>F2B-SC-50M-HT</i>	@	<i>F4B-SC-50M-HT</i>
211	1-15/16	052276	P2B-SCM-115-HT	@	F2B-SCM-115-HT	057363	F4B-SCM-115-HT
	2	054934	P2B-SCM-200-HT	@	F2B-SCM-200-HT	054065	F4B-SCM-200-HT
	2-3/16	053955	P2B-SC-203-HT	059954	F2B-SC-203-HT	058852	F4B-SC-203-HT
	2-1/4	@	P2B-SC-204-HT	@	F2B-SC-204-HT	054918	F4B-SC-204-HT
	55mm	@	<i>P2B-SC-55M-HT</i>	@	<i>F2B-SC-55M-HT</i>	049894	<i>F4B-SC-55M-HT</i>
212	2-3/16	054412	P2B-SCM-203-HT	@	F2B-SCM-203-HT	@	F4B-SCM-203-HT
	2-1/4	@	P2B-SCM-204-HT	@	F2B-SCM-204-HT	@	F4B-SCM-204-HT
	2-7/16	059614	P2B-SC-207-HT	@	F2B-SC-207-HT	057487	F4B-SC-207-HT
	60 mm	057800	<i>P2B-SC-60M-HT</i>	057800	<i>F2B-SC-60M-HT</i>	057801	<i>F4B-SC-60M-HT</i>
214	2-7/16	054316	P2B-SCM-207-HT	-----	-----	054917	F4B-SCM-207-HT
	2-1/2	@	P2B-SCM-208-HT	-----	-----	056630	F4B-SCM-208-HT
	2-11/16	@	P2B-SC-211-HT	-----	-----	@	F4B-SC-211-HT
	70 mm	@	<i>P2B-SC-70M-HT</i>	-----	-----	@	<i>F4B-SC-70M-HT</i>
215	2-15/16	056588	P2B-SC-215-HT	-----	-----	052550	F4B-SC-215-HT
	75 mm	@	<i>P2B-SC-75M-HT</i>	-----	-----	@	<i>F4B-SC-75M-HT</i>
216	2-15/16	054556	P2B-SCM-215-HT	-----	-----	052478	F4B-SCM-215-HT
	3	@	P2B-SCM-300-HT	-----	-----	059696	F4B-SCM-300-HT
	75mm	@	<i>P2B-SCM-75M-HT</i>	-----	-----	062182	<i>F4B-SCM-75M-HT</i>
218	3-7/16	049991	P2B-SCM-307-HT	-----	-----	057708	F4B-SCM-307-HT
	3-1/2	@	P2B-SCM-308-HT	-----	-----	058633	F4B-SCM-308-HT

@ Assembled to order.

FEATURES/BENEFITS PAGE B3-2	SELECTION PAGE B3-6	SELECTION/DIMENSIONS PAGE B3-10	MODIFICATION/ACCESSORIES PAGE B3-132
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RELATED PRODUCTS



Setscrew Ball Bearings HIGH TEMPERATURE SC & SCM BALL BEARINGS

Series	Shaft	Tapped Base Pillow Blocks		Flanged Bracket	
	Size	Part Number	Description	Part Number	Description
204	3/4	059636	TB-SC-012-HT	@	FB-SC-012-HT
205	1	057906	TB-SC-100-HT	@	FB-SC-100-HT
207	1-1/4	@	TB-SC-104-HT	056578	FB-SC-104-HT
211	2-3/16	050555	TB-SC-203-HT		

Series	Shaft	Non Expansion Pillow Blocks		Expansion Pillow Blocks	
	Size	Part Number	Description	Part Number	Description
206	1-3/16	054062	P2B-SCH-103-HT	054063	P2B-SCH-103-EHT
207	1-7/16	053894	P2B-SCH-107-HT	053895	P2B-SCH-107-EHT

Series	Shaft	Piloted Flanges	
	Size	Part Number	Description
206	1	058652	FC-SCM-100-HT
208	1-1/2	053871	FC-SC-108-HT
	1-1/2	057683	FC-SCM-108-HT
211	1-15/16	058915	FC-SCM-115-HT
	2-1/4	058233	FC-SC-204-HT
212	2-7/16	058738	FC-SC-207-HT
	55 mm	054837	FC-SCM-55M-HT
216	2-15/16	054831	FC-SCM-215-HT
	3	056911	FC-SCM-300-HT

Series	Shaft	Wide Slot Take-up		Narrow Slot Take-up	
	Size	Part Number	Description	Part Number	Description
210	1-15/16	057265	WSTU-SC-115-HT	054580	NSTU-SC-115-HT
211	55 mm	049893	WSTU-SC-55M-HT	@	NSTU-SC-55M-HT
	1-15/16	049891	WSTU-SCM-115-HT	@	NSTU-SCM-115-HT
212	2-7/16	057839	WSTU-SC-207-HT	@	NSTU-SC-207-HT
214	2-7/16	049811	WSTU-SCM-207-HT	@	-----
215	2-15/16	059844	WSTU-SC-215-HT	@	-----

@ Assembled to order.

FEATURES/BENEFITS PAGE B3-2	SELECTION PAGE B3-6	SELECTION/DIMENSIONS PAGE B3-10	MODIFICATION/ACCESSORIES PAGE B3-132
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RELATED PRODUCTS

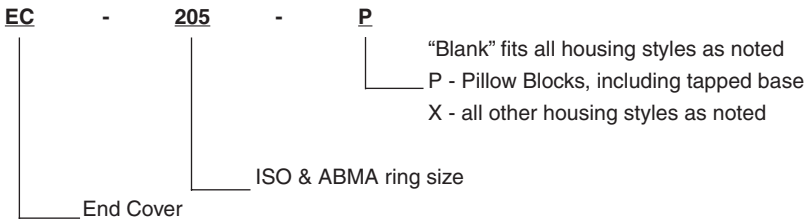


DODGE Ball Bearing End Covers*



- * Fits all styles of DODGE cast iron housed ball bearings: Pillow Blocks, 2 and 4 Bolt Flanges, and Take-Up bearings
- * Injected molded, impact resistant, OSHA safety yellow end covers meet requirements for exposed rotating shafts
- * Stainless steel "C" Washer for gripping power
- * No modification or machining of existing housings required
- * Concentric knockout grooves on inside of end cover for thru-shaft
- * DODGE six digit part number and description embossed inside
- * Operating temperature to 250°F
- * For non relubricable/sealed for life applications (-NL), part number **430020** hex head plug is available

Nomenclature



FEATURES/BENEFITS PAGE B3-2	SELECTION PAGE B3-6	SELECTION/DIMENSIONS PAGE B3-10	MODIFICATION/ACCESSORIES PAGE B3-132
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RELATED PRODUCTS



DODGE Ball Bearing End Covers*

Series	Pillow Blocks Std, U, B	Tapped Base PB	2 Bolt Flange	Flanged Bracket	4 Bolt Flange	Piloted Flange (FC)	Narrow Slot Take-Up	Wide Slot Take-Up
203	X		X		X			
204	X	X	X	X	X		X	X
205	X	X	X	X	X		X	X
206	X	X	X	X	X	@	X	X
207	X	X	X	X	X	@	X	X
208	X	X	X		X	@	X	X
209	X	X	X		X	@	X	X
210	X	X	X	X	X	@	X	X
211	X	X	X		X	NA	X	X
212	X		X		X	NA	X	X
214	X				X	NA		X
215	X				X			X
216	X				X	X		X
218	X				X	X		

* = Will not fit LF, LFT, SCHB, HNGB & CYL

@ = Some modification required

NA = Will not fit

X = Will fit

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

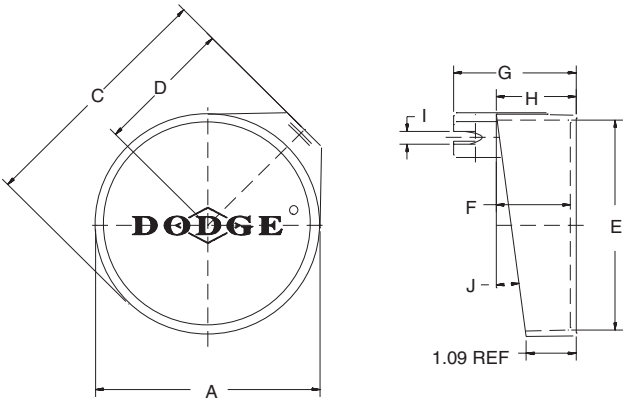
Eccentric Collar Ball Bearing

FEATURES/BENEFITS PAGE B3-2	SELECTION PAGE B3-6	SELECTION/DIMENSIONS PAGE B3-10	MODIFICATION/ACCESSORIES PAGE B3-132
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RELATED PRODUCTS



Setscrew Ball Bearings BALL BEARING END COVERS FOR PILLOW BLOCKS & TAPPED BASE UNITS



Series	Shaft Size*		Part Number	Description
	SC, VSC, DL, SXR, SXV	SCM, DLM, SCH, SXRH, DLH		
203	1/2 & 5/8 17mm	-----	128200	EC-203-P
204	1/2 - 3/4 20mm	-----	128202	EC-204-P
205	7/8 - 1 25mm	-----	128204	EC-205-P
206	1-1/16 - 1-1/4 30mm	1 25mm	128206	EC-206-P
207	1-1/4 - 1-7/16 35mm	1-3/8 & 1-1/4 30mm	128208	EC-207-P
208	1-1/2 - 1-5/8 40mm	1-7/16 35mm	128210	EC-208-P
209	1-5/8 - 1-3/4 45mm	1-1/2 40mm	128212	EC-209-P
210	1-15/16 & 2 50mm	1-11/16 & 1-3/4 45mm	128214	EC-210-P
211	2 - 2-1/4 55mm	1-15/16 & 2 50mm	128216	EC-211-P
212	2-1/4 - 2-7/16 60mm	2-3/16 - 2-1/4 55mm	128218	EC-212-P

*NOTE: SCH, SXRH, and DLH use the next larger end cover. E.g. A P2B-DLH-103 would use a EC-207-P.

For no re-lube (_NL) applications, part number **430030**, hex head plus is available

FEATURES/BENEFITS PAGE B3-2	SELECTION PAGE B3-6	SELECTION/DIMENSIONS PAGE B3-10	MODIFICATION/ACCESSORIES PAGE B3-132
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RELATED PRODUCTS



Setscrew Ball Bearings

BALL BEARING END COVERS FOR PILLOW BLOCKS & TAPPED BASE UNITS

Series	Shaft Size*		A	B	C	D	E	F	G	H	I	J
	SC, VSC, DL, SXR, SXV	SCM, DLM, SCH, SXRH, DLH										
203	1/2 & 5/8 17mm	-----	1-25/32 45.2	1-43/64 42.4	2-7/64 53.6	1-3/32 27.7	1-41/64 41.7	49/64 19.56	1-29/64 37.1	29/32 22.9	1/4 6.4	9°
204	1/2 - 3/4 20mm	-----	2-3/64 52.0	1-27/32 46.7	2-37/64 65.3	1-19/64 33.0	1-55/64 47.2	1-1/64 25.65	1-49/64 45.0	1-5/32 29.5	5/16 7.9	11°
205	7/8 - 1 25mm	-----	2-3/8 60.2	2-3/16 55.6	2-13/16 71.4	1-3/16 35.0	2-5/32 54.9	1-1/16 26.92	1-7/8 47.8	1-7/32 31.0	11/32 8.6	9°
206	1-1/16 - 1-1/4 30mm	1 25mm	2-47/64 69.3	2-17/32 64.3	3-21/64 84.3	1-45/64 43.2	2-1/2 63.5	1-15/64 31.5	2-5/32 54.9	1-13/32 35.6	23/64 8.9	9°
207	1-1/4 - 1-7/16 35mm	1-3/6 & 1-1/4 30mm	3-1/4 82.6	3 76.20	3-51/64 96.3	1-29/32 48.5	3-1/64 76.7	1-5/16 33.27	2-11/32 59.4	1-31/64 37.6	3/8 9.4	7° 3'
208	1-1/2 - 1-5/8 40mm	1-7/16 35mm	3-3/8 85.9	3-1/8 79.5	4 101.60	2-1/16 52.3	3-7/64 79.0	1-19/64 33.02	2-13/32 61.0	1-1/2 38.1	27/64 10.7	6°
209	1-5/8 - 1-3/4 45mm	1-1/2 40mm	3-11/16 93.7	3-15/32 88.1	4-17/64 108.2	2-11/64 55.1	3-13/32 86.6	1-21/64 33.78	2-21/64 59.2	1-17/32 38.9	25/64 9.9	7°
210	1-15/16 & 2 50mm	1-11/16 & 1-3/4 45mm	3-7/8 98.6	3-37/64 90.9	4-1/2 114.3	2-19/32 59.2	3-37/64 90.9	1-23/64 34.29	2-1/2 63.5	1-9/16 39.6	31/64 12.5	9°
211	2 - 2-1/4 55mm	1-15/16 & 2 50mm	4-27/64 12.3	4 101.60	5-1/16 128.5	2-19/32 66.0	4-1/8 104.7	1-13/32 35.81	2-37/64 65.3	1-5/8 41.2	29/64 11.4	7°
212	2-1/4 - 2-7/16 60mm	2-3/16 - 2-1/4 55mm	4-59/64 125.0	4-15/32 113.3	5-29/64 138.7	2-3/4 69.9	4-39/64 117.1	1-17/32 38.86	2-11/16 68.3	1-3/4 44.5	13/32 10.4	8°

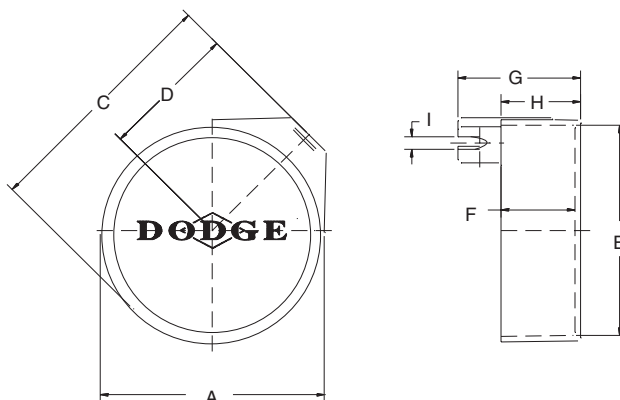
FEATURES/BENEFITS PAGE B3-2	SELECTION PAGE B3-6	SELECTION/DIMENSIONS PAGE B3-10	MODIFICATION/ACCESSORIES PAGE B3-132
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RELATED PRODUCTS



Setscrew Ball Bearings

BALL BEARING END COVERS FOR MOUNTED UNITS OTHER THAN PILLOW BLOCKS & TAPPED BASE UNITS



Series	Shaft Size*		Part Number	Description
	SC, VSC, DL, SXR, SXV	SCM & DLM		
203	1/2 & 5/8 17mm	----- -----	128201	EC-203-X
204	1/2 - 3/4 20mm	----- -----	128203	EC-204-X
205	7/8 - 1 25mm	----- -----	128205	EC-205-X
206	1-1/16 - 1-1/4 30mm	1 25mm	128207	EC-206-X
207	1-1/4 - 1-7/16 35mm	1-3/6 & 1-1/4 30mm	128209	EC-207-X
208	1-1/2 - 1-5/8 40mm	1-7/1 635mm	128211	EC-208-X
209	1-5/8 - 1-3/4 45mm	1-1/2 40mm	128213	EC-209-X
210	1-15/16 & 2 50mm	1-11/16 & 1-3/4 45mm	128215	EC-210-X
211	2 - 2-1/4 55mm	1-15/16 & 2 50mm	128217	EC-211-X
212	2-1/4 - 2-7/16 60mm	2-3/16 - 2-1/4 55mm	128219	EC-212-X

*NOTE: Above end covers will not fit the LF and LFT bearings

For no re-lube (_NL) applications, part number **430030**, hex head plus is available

FEATURES/BENEFITS PAGE B3-2	SELECTION PAGE B3-6	SELECTION/DIMENSIONS PAGE B3-10	MODIFICATION/ACCESSORIES PAGE B3-132
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RELATED PRODUCTS



Setscrew Ball Bearings

BALL BEARING END COVERS FOR MOUNTED UNITS OTHER THAN PILLOW BLOCKS & TAPPED BASE UNITS

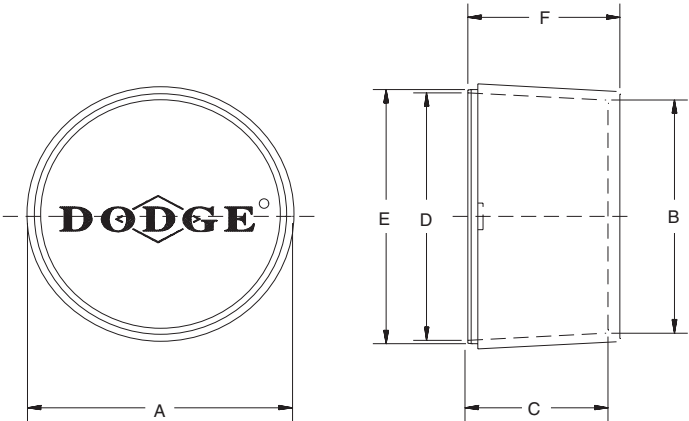
Series	Shaft Size*		Weight lbs gm	A	B	C	D	E	F	G	H	I
	SC, VSC, DL, SXR, SXV	SCM & DLM										
203	1/2 & 5/8 17mm	----- -----	0.02 1	1-51/64 45.5	1-43/64 42.4	2-13/64 56.1	1-3/16 30.2	1-41/64 41.7	51/64 20.3	1-29/64 37.1	15/16 23.9	1/4 6.4
204	1/2 - 3/4 20mm	----- -----	0.03 15	2-7/32 56.1	2 50.8	2-47/64 69.6	1-25/64 35.3	2-1/32 51.6	1-1/64 25.7	1-13/16 45.7	1-5/32 29.5	5/16 7.9
205	7/8 - 1 25mm	----- -----	0.05 24	2-3/8 60.2	2-3/16 55.6	3-3/64 77.2	1-19/32 40.6	2-5/32 54.9	1-1/64 25.7	1-53/64 46.5	1-11/64 29.7	11/32 8.7
206	1-1/16 - 1-1/4 30mm	1 25mm	0.08 36	2-47/64 69.3	2-17/32 64.3	3-21/64 84.3	1-45/64 43.2	2-1/2 63.5	1-3/16 30.2	2-1/16 52.3	1-23/64 34.5	23/64 8.9
207	1-1/4 - 1-7/16 35mm	1-3/6 & 1-1/4 30mm	0.12 53	3-1/4 82.6	3 76.2	3-27/32 97.5	1-31/32 50.0	3-1/64 76.7	1-11/32 34.5	2-11/32 59.4	1-17/32 38.9	3/8 9.4
208	1-1/2 - 1-5/8 40mm	1-7/16 65mm	0.14 64	3-3/8 85.9	3-1/8 79.5	4 101.60	2-1/16 52.3	3-7/64 79.0	1-19/64 33.0	2-13/32 61.0	1-1/2 38.1	27/64 10.7
209	1-5/8 - 1-3/4 45mm	1-1/2 40mm	0.16 73	3-11/16 93.7	3-15/32 88.1	4-17/64 108.2	2-11/64 55.1	3-13/32 86.6	1-23/64 34.3	2-21/64 59.2	1-17/32 38.9	25/64 9.9
210	1-15/16 & 2 50mm	1-11/16 & 1-3/4 45mm	0.18 82	3-7/8 98.6	3-37/64 90.9	4-1/2 114.3	2-21/64 59.2	3-9/16 90.9	1-23/64 34.3	2-33/64 63.8	1-9/16 39.6	31/64 12.4
211	2 - 2-1/4 55mm	1-15/16 & 2 50mm	0.24 108	4-27/64 112.3	4 101.6	5-1/16 128.5	2-19/32 66.0	4-1/8 104.7	1-29/64 36.8	2-37/64 65.3	1-21/32 42.2	29/64 11.4
212	2-1/4 - 2-7/16 60mm	2-3/16 - 2-1/4 55mm	0.27 124	4-59/64 125	4-15/32 113.3	5-15/32 138.7	2-3/4 69.9	4-39/64 117.1	1-35/64 39.1	2-11/16 68.3	1-3/4 44.5	13/32 10.4

FEATURES/BENEFITS PAGE B3-2	SELECTION PAGE B3-6	SELECTION/DIMENSIONS PAGE B3-10	MODIFICATION/ACCESSORIES PAGE B3-132
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RELATED PRODUCTS



Setscrew Ball Bearings
BALL BEARING END COVERS FOR MOUNTED UNITS 214 SERIES & LARGER



Series	Shaft Size		Part Number	Description
	SC, VSC, DL, SXR, SXV, SCHSXRH, DLH	SC, VSC, DL, SCM & DLM		
214	2-1/2 & 2-11/16 70mm	2-7/16 & 2-1/2 65mm	128220	EC-214
215	2-15/16 75mm	2-11/16 70mm	128221	EC-215
216	----- -----	2-15/16 & 3 75mm	128222	EC-216
218	----- -----	3-7/16 & 3-1/2 85mm	128223	EC-218

RELATED PRODUCTS



Setscrew Ball Bearings

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

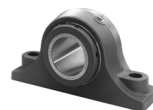
Series	Shaft Size		Weight lbs gm	A	B	C	D	E	F
	SC, VSC, DL, SXR, SXV, SCHSXRH, DLH	SC, VSC, DL, SCM & DLM							
214	2-1/2 & 2-11/16 70mm	2-7/16 & 2-1/2 65mm	0.33 151	4-15/16 125.5	4-7/16 112.8	2-39/64 66.3	4-39/64 117.1	4.741/4.737 120.4/120.3	2-53/64 71.9
215	2-15/16 75mm	2-11/16 70mm	0.36 164	5-3/32 129.3	4-49/64 120.9	2-29/64 62.5	4-3/4 120.7	4.944/4.940 125.6/125.5	2-7/8 72.9
216	----- -----	2-15/16 & 3 75mm	0.44 201.00	5-9/16 141.2	5-15/64 132.8	2-47/64 69.6	5-13/64 132.1	5.350/5.346 135.9-135.8	2-63/64 75.7
218	----- -----	3-7/16 & 3-1/2 85mm	0.57 257	6-5/16 160.3	5-29/32 149.9	2-27/32 72.1	5-15/16 150.6	6.100/6.096 154.9/154.8	3-3/32 78.5

FEATURES/BENEFITS PAGE B3-2	SELECTION PAGE B3-6	SELECTION/DIMENSIONS PAGE B3-10	MODIFICATION/ACCESSORIES PAGE B3-132
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NOTES



FEATURES/BENEFITS PAGE B3-2	SELECTION PAGE B3-6	SELECTION/DIMENSIONS PAGE B3-10	MODIFICATION/ACCESSORIES PAGE B3-132
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Type E/DOUBLE-INTERLOCK®/Type K/TAF

Features / Benefits

Type E	B6-3
DOUBLE-INTERLOCK & Type K	B6-5
TAF	B6-6

Specifications	B6-8
--------------------------	------

How to Order	B6-9
------------------------	------

Nomenclature	B6-10
------------------------	-------

Selection (Inch)	B6-11
----------------------------	-------

Easy Selection Table	B6-15
--------------------------------	-------

Engineering/Technical	B6-17
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Selection/Dimensions - Inch

Type E

Pillow Block	B6-22
Flanges	B6-28
Take-Ups	B6-30

Type K

Pillow Blocks	B6-34
Flanges	B6-36
Inner Units	B6-38
Take-ups	B6-40

DOUBLE-INTERLOCK

Pillow Blocks	B6-44
Flanges	B6-48
Inner Units	B6-50

TAF

Pillow Blocks	B6-52
Inner Units	B6-56

Modifications/Accessories

Type E end Closures and E-TECT Seals	B6-58
--	-------

Type K, DOUBLE-INTERLOCK and TAF End Closures and E-TECT Seals	B6-60
---	-------

Selection - TAF Smart Bearings	B6-61
--	-------

Selection/Dimensions - Metric

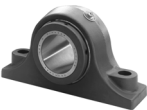
Type E - Metric	B6-70
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DOUBLE-INTERLOCK - Metric	B6-72
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Part Number Index	INDEX-1
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Keyword Index	INDEX-34
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NOTES



D-LOK

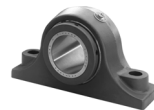
Type E Family

Specialty Tapered

S-2000

UNISPHERE II

FEATURES/BENEFITS



D-LOK

Type E Family

Specialty Tapered

S-2000

UNISPHERE II

Type E/DOUBLE-INTERLOCK/Type K/TAF

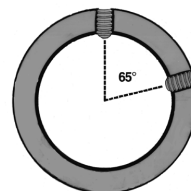
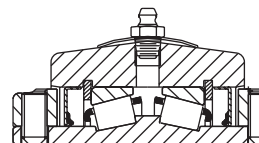
These four product lines have many common features and benefits that are shown on this page. Unique features for each product are shown on the following pages.

The common components used by all four lines include:

- Bearings
- Seals
- Locking collars
- Bore range

General Features:

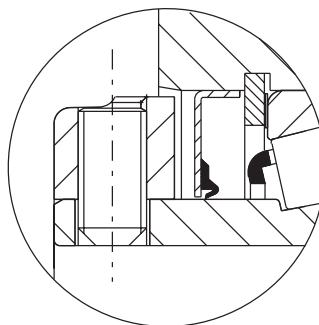
- Factory assembled, adjusted and prelubricated
- Case hardened rollers and races
- Easy installation and maintenance
- 65 degree set screw angle Springlok collar/flingers - more holding power than 90 to 120 degree
- Single rubber lip contacting seals



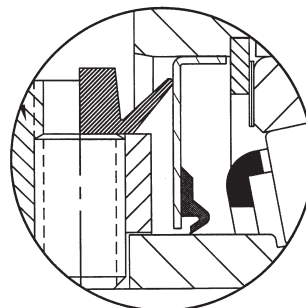
Exclusive Sealing Designs And Features

Rolling Elements Never Exposed to Contaminants

- Exclusive “R” Seal features a combination metal shield and positive land riding contacting lip seal. Keeps contaminants out, lubricants in.
- E-TECT Seal option gives extra protection with a combination face rubbing seal in addition to the “R” Seal System (See page B6-58)
- TIMKEN™ tapered roller bearing inserts allow for combination radial and thrust loads.
- Lip design conform to cones. permits grease to purge.
- Close fit oversized collars act as flingers for added protection in dusty or damp environments



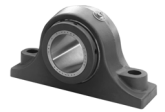
Standard “R” Seal System



E-TECT Seal System

FEATURES/BENEFITS

DODGE®



Type E

DODGE Type E One Bearing, One Seal For Dusty or Damp Environments



- “E” stands for economy
- Type E allows easy upgrade from ball bearings
- Interchangeable mounting dimensions with ball bearings
- Moderate price premium vs. ball bearings
- Steel housed pillow blocks available in selected sizes

The Original DODGE Type E Bearing, Only Better

- Provides added protection against contamination
- Completely assembled, factory adjusted and properly lubricated - **shaft ready**
- Stocked in all configurations
- Extra protection - E-TECT seal option
- Steel end covers available up to 3", 75mm



Top Angle Take-Ups
1-3/4 to 4"
45 - 100 mm



Center Pull Frame With
Wide Slot Take-up
1-3/8 to 3"
35 - 75 mm



Pillow Block
1-3/16 to 7"
35 - 180 mm

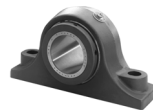


Piloted Flange
1-3/16 to 5"
35 - 125 mm



Flange
1-3/16 to 4-12"
35 - 115 mm

FEATURES/BENEFITS



D-LOK

Type E Family

Specialty Tapered

S-2000

UNISPHERE II

Type K and DOUBLE-INTERLOCK

DODGE DOUBLE-INTERLOCK COMBINES DURABILITY WITH MOUNTING FLEXIBILITY

Heavy Duty Housing Construction Has Proven Performance

- Offers tapered roller bearing durability in a variety of mounting styles
- Extra protection E-TECT Seal Option
- Special clearances and greases available
- Self aligning
- Factory assembled, adjusted and lubricated - **shaft ready**
- End covers available up to 5"



Pillow Block
1-3/16 to 7"



Flanges
1-3/16 to 5"



D Unit
1-3/16 up to 5"



S-1 Unit

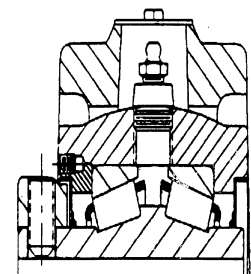


B-1 Unit
1-3/16 up to 5"

DODGE TYPE K FITS WHERE COMPETITORS WON'T

Tapered Roller Bearings With Reduced Length Thru Bore

- Reduces length thru bore design in a variety of mounting styles
- Single collar design saves space and installation time
- Allows bearing to be closer to the load for reduced shaft design
- Self-aligning
- Factory assembled, adjusted and lubricated - **shaft ready**
- Same housing as DOUBLE-INTERLOCK
- End covers available up to 5"



Flange Expansion and
Non-Expansion
1-3/16 - 3-15/16



S-1 & B-1 Units
1-3/16 - 3-15/16"



Wide Slot Take-Up
Frame
1-3/8 - 3"



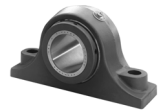
Pillow Block
Expansion & Non-Expansion
1-3/16 - 3-15/16"



Top Angle Take-Ups
1-3/4 - 3-15/16"

FEATURES/BENEFITS

DODGE®

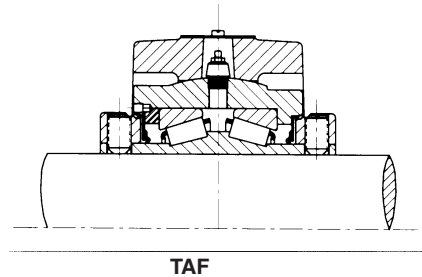


TAF

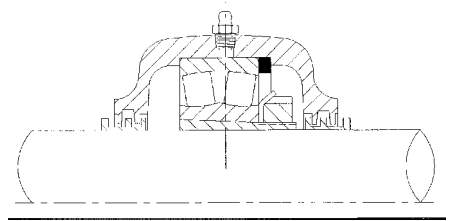
TAF IS A COST SAVING ALTERNATIVE TO SAF SPHERICAL BEARINGS

Mounts Fast, Stays Cleaner And Extends Service Life

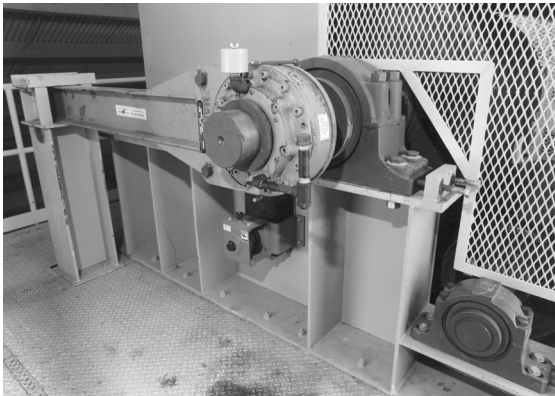
- **Shaft ready** - mounts six times faster than SAF
- Interchangeable with SAF style pillow blocks
- Self-aligning, factory assembled, adjusted and lubricated
- Available in 1-7/16" up to 7" shaft diameters
- Equipped with expansion or non-expansion housing
- E-TECT seal option available up to 7"
- Optional Smart Housings accommodate speed, vibration and temperature sensor kits



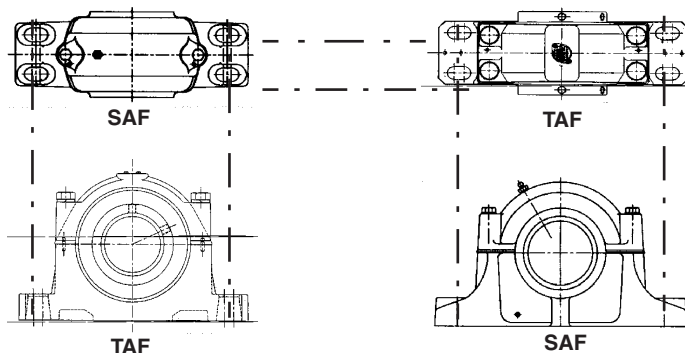
Self-aligning provided by spherically machined housing



Self-aligning provided by insert, limited by seal interference

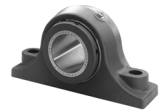


TAF Is Interchangeable With SAF Mounting Dimensions



FEATURES/BENEFITS

DODGE



Type K/DOUBLE-INTERLOCK/TAF

DODGE BEARINGS SAVE YOU TIME AND MONEY

Compare These DODGE TAF, Type K & DOUBLE-INTERLOCK Bearing Advantages Against Standard SAF Pillow Blocks

Standard SAF

- Four prices
- Up to six packages
- Open bearing
- Feeler gauge required
- Grease required



DODGE TAF, Type K and DOUBLE-INTERLOCK

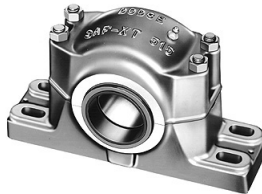
- One price
- Sealed bearing
- Factory adjusted
- Factory lubricated
- **Shaft ready**



Compare Standard SAF and DODGE Sealing Designs

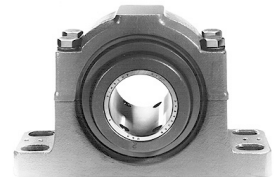
Standard SAF

- Seals ride independently of bearing
- Less than 1° static misalignment
- Sealing effectiveness decreases as misalignment increases
- Seals distort when misalignment occurs

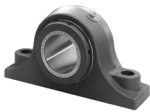


DODGE TAF, Type K and DOUBLE-INTERLOCK

- Inner unit carries seal
- Up to 5° static misalignment
- Seal and bearing ride together in inner unit
- Seals maintain contact on cones even with misalignment



SPECIFICATION



Type E, Type K, DOUBLE-INTERLOCK and TAF

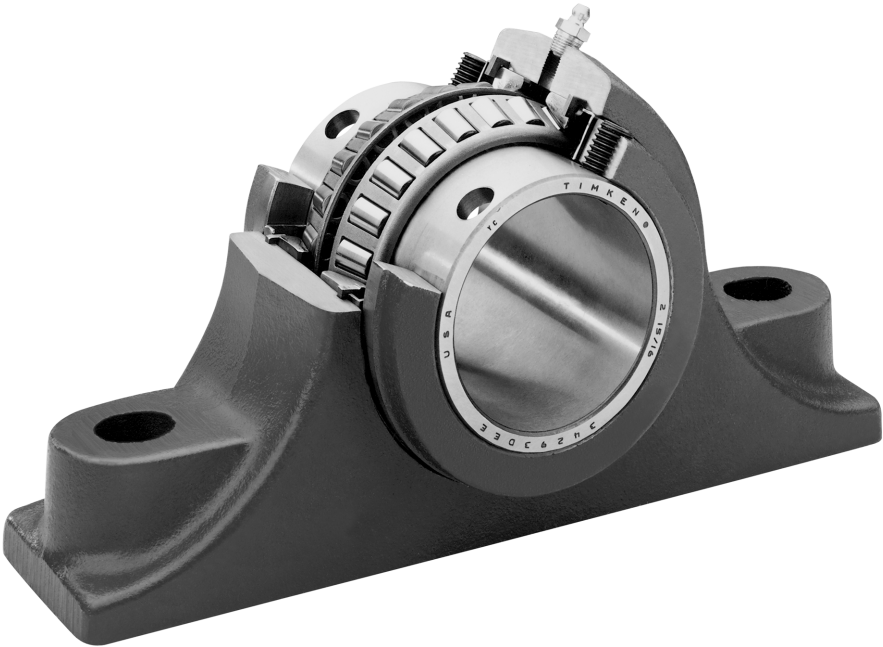
Type E, Type K, DOUBLE-INTERLOCK and TAF mounted bearings are all general purpose high capacity tapered roller bearings capable of handling any combination of radial and thrust load within the capacity of the bearing.

All of these bearings are mounted to the shaft by means of set screw collars having 65 degree set screw spacing for optimum clamping force. The Type E, DOUBLE-INTERLOCK, and TAF mounted bearings have a locking collar at each end of their extended inner races. Type K has a single locking collar. The tapered roller bearings for these mounted bearings all have case carburized inner races (cones), outer races (cups), and rollers.

Bearings are preassembled, prelubricated and factory adjusted. They are normally equipped with land riding contact type seals with a metal deflector guard.

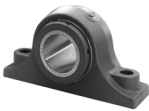
The standard housing material for most of these mounted bearings is ASTM A48 Class 30 Iron having a minimum tensile strength of 30,000 psi. The outer housing for the Type K and DOUBLE-INTERLOCK flange bearings thru 4, bore size utilize housings made of ductile iron (ASTM A536 Grade 65-45-12) with 65,000 psi tensile strength. Type E pillow blocks are also available with cast steel housing having a tensile strength of 70,000 psi for 2 bolt base thru 3-1/2" bore size and 4 bolt base from 3-15/16" thru 5" bore size on an assembled or order basis.

The Type K, DOUBLE-INTERLOCK pillow blocks and flange bearings plus the TAF pillow blocks all have split outer housings used with completely assembled, lubricated and adjusted inner units simplifying replacement of the bearing in the pillow block or flange bearing. All Type E mounted bearings, Type K take up units and all D units, S-1 units, and B-1 units have solid one piece housings.



FEATURES/BENEFITS PAGE B6-3	NOMENCLATURE PAGE B6-10	SELECTION PAGE B6-11	SELECTION/DIMENSIONS PAGE B6-22
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HOW TO ORDER



Type E, Type K, DOUBLE-INTERLOCK and TAF

There are two ways to specify DODGE Bearings. Most of the product offering have part numbers with listings shown throughout this catalog. Use of part numbers ensures accurate order processing.

When part numbers are not shown, the product may be specified by description or part name. This method is used when ordering units that include modifications or options. To order by description, use the nomenclature key shown on page and add any special instructions to the end of the description for options not covered by the nomenclature.

SPECIAL BEARING REQUIREMENTS AND SPECIAL LUBRICANTS

DODGE Bearings are factory adjusted and pre-lubricated. For applications where extreme ambient temperatures, high speeds or high loads are expected, a variety of specialty lubricants and adjustments are available. Standard grease provided is Mobilith AW 2 up to 5", 125mm bore. Above 5" bore Mobil Mobilux #2EP is

standard. High temperature greases available include Moluballoy 896 HT and Mobilith SHC460. Other special lubricants are available upon request. Special lubricant options usually involve set-up charges and premiums. To order, specify type of lubricant required at the end of the product name or after the standard part number.

Example:

F4B-E-207 except with Mobilith SHC 460 grease and .012 to .015 lateral end play

or

023106 except with Mobilith SHC 460 grease and .012 to .015 lateral end play

OTHER SPECIAL REQUIREMENTS NOT LISTED

For applications requiring modifications not listed, we encourage you to contact our Application Engineering Department for Bearings at 864-284-5700.

D-LOK

Type E Family

Specialty Tapered

S-2000

UNISPHERE II

FEATURES/BENEFITS PAGE B6-3	NOMENCLATURE PAGE B6-10	SELECTION PAGE B6-11	SELECTION/DIMENSIONS PAGE B6-22
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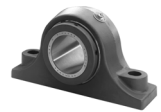
NOMENCLATURE



Type E, Type K, DOUBLE-INTERLOCK and TAF

P2B - DI - 207 - RE*

HOUSING STYLE OPTION	BEARING TYPE OPTIONS	SIZE	OTHER OPTIONS
P2B = Pillow Block 2-Bolt, Cast Iron	E = Type E	INCHES & 16TH 2 = 2 Inches 07 = 7/16 Inches Or 207 = 2-7/16"	R = Land Riding Rubbing Seal
P4B = Pillow Block 4-Bolt, Cast Iron	K = Type K		T = E TECT Seal
SP2B - Pillow Block 2-Bolt, Cast Steel	DI = DOUBLE-INTERLOCK		E = Expansion Type Bearing. Note: If E Does Not Appear After Seal Type, Then Bearing Is Non-Expansion Type
SP4B = Pillow Block 4-Bolt, Cast Steel	TAF = TAF	METRIC 060M = 60 Millimeters	SMART = Drilled For Sensor Kits
F4B = Flange Bearing 4-Bolt, Cast Iron			
FC = Piloted Flange Bearing (Flanged Cartridge)			
B1U = B1 Unit, Cast Iron			
DU = D Unit, Cast Iron			
S1U = S-1, Unit, Cast Iron			
WSTU = Wide Slot Take-Up Bearing, Cast Iron			
TP = Top Angle Take-Up Bearing Cast Iron			
H2S = Pillow Block Housing Only 2-Bolt, Cast Iron			
H4S = Pillow Block Housing 4-Bolt, Cast Iron			



Type E, Type K, DOUBLE-INTERLOCK and TAF Tapered Roller Bearings

DODGE Type E, K, DI and TAF Double Row Tapered Roller Bearings have the capacity to carry heavy radial loads and combined radial and thrust loads. The maximum recommended load which can be applied is limited by various components in the system such as bearing, housing, shaft, shaft attachment, speed and life requirements as listed in this catalog. DODGE tapered roller bearings have been applied successfully even when these limits have been exceeded under controlled operating conditions. Contact DODGE Application Engineering (864) 297-4800 for applications which exceed the recommendations of this catalog.

L₁₀ Hours Life --- The life which may be expected from at least 90% of a given group of bearings operating under identical conditions.

$$L_{10} = \left(\frac{C_{90}}{P} \right)^{10/3} \times \frac{1,500,000}{\text{RPM}}$$

Where: C_{90} = Dynamic Capacity (Table 1, pg. B6-14), lbs.

P = Equivalent Radial Load, lbs.

GENERAL

Heavy Service --- For heavy shock loads, frequent shock loads, or severe vibrations, add up to 50% (according to severity of conditions) to the Equivalent Radial Load. Consult DODGE Application Engineering for additional selection assistance.

Thrust load values shown in the table below are recommended as a guide for general applications that will give adequate L_{10} life for pillow blocks. The maximum thrust load should not exceed values shown on Table. Where substantial radial load is also present, it is advisable to calculate actual L_{10} life to assure that it meets the requirements. The effectiveness of the shaft attachment to carry thrust load depends on proper tightening of the setscrews, shaft tolerance and shaft

deflections. Therefore, it is advisable to use auxiliary thrust carrying devices such as shaft shoulder, snap ring or a thrust collar to locate the bearing under thrust loads heavier than shown below, or where extreme reliability is desired.

RPM RANGE		20-200	201 - 2000	Over 2000
RECOMMENDED THRUST LOAD	E, DI, TAF	$C_{90}/4$	$C_{90}/8$	$C_{90}/12$
	K	$C_{90}/5$	$C_{90}/8$	$C_{90}/12$

The shaft tolerances recommended below are adequate for normal radial and radial/thrust load applications. The radial load is limited by the attachment to the shaft (see Table 1). Where the applied radial load (F_R) exceeds this limit (maximum allowable slip fit radial load), a snug-to-tight press fit of the shaft is required. Since the allowable load, especially at a low speed, is very large, the shaft should be checked to assure adequate shaft strength.

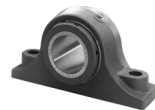
The magnitude and direction of both the thrust and radial load must be taken into account when selecting a housing. **When pillow blocks are utilized, heavy loads should be directed through the base. Where uplift loads are involved, see Tables 6, 7, and, pg. B6-19 for maximum values.** Where a load pulls the housing away from the mounting base, both the hold-down bolts and housing must be of adequate strength. Auxiliary load carrying devices such as shear bars are advisable for side or end loading of pillow blocks and radial load for flange units.

SHAFT SIZE	TOLERANCE, INCHES
UP TO 1-1/2"	+ .0000 - .0005"
1-5/8 TO 4"	+ .000 - .001"
4-7/16 TO 6"	+ .000 - .0015"
6-7/16 - 8"	+ .000 - .002"

NOTE: The L_{10} life calculated using the above formula is subject to life adjustment factors in accordance with ABMA standards described on page B16-9.

FEATURES/BENEFITS PAGE B6-3	SPECIFICATION PAGE B6-8	NOMENCLATURE PAGE B6-10	SELECTION/DIMENSIONS PAGE B6-22
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SELECTION



Type E, Type K, DOUBLE-INTERLOCK and TAF Tapered Roller Bearings

SELECTING BEARINGS SUPPORTING RADIAL LOADS ONLY

1. Define L_{10} Life Hours desired.
2. Establish bearing radial load, F_R ($F_R = P$ for Pure Radial Load Conditions). The DODGE program BEST™* can be used to find application loads.
3. Establish RPM.

Using the easy selection Table 2, pg B6-15. find, under the RPM column, the equivalent radial load that equals or is higher than the application radial load for the desired life. The shaft size on the far left will be the minimum shaft size that you can use for your application. If the desired life is different than the values shown on the chart, use alternate Method A shown below.

Example: 1. L_{10} Life = 30,000 Hours
 2. Radial load = 3800 lbs.
 3. RPM = 1,000

At the intersection of the 1,000 RPM column and the 30,000 hours L_{10} life row, the equivalent radial load of 3910 lbs. exceeds the 3800 lbs. radial load for shaft sizes 2-11/16"-3". A bearing with bore ranging from 2-11/16" to 3" may be used for this application.

ALTERNATE METHOD A --- SELECTING A BEARING FOR AN L_{10} LIFE VALUE NOT SHOWN IN THE EASY SELECTION CHART.

The L_{10} life equation can be rearranged so that the bearing dynamic capacity C_{90} is identified in terms of L_{10} , RPM and P.

$$C_{90} = \left(\frac{L_{10} \times \text{RPM}}{1,500,000} \right)^{0.3} \times P$$

($P = F_R$ for Pure Radial Load Conditions)

Since the L_{10} , RPM, and P are known, solve for C_{90} . Select from the dynamic capacity column on Table 1, pg B6-14.

The C_{90} value equal to or greater than the C_{90} value just calculated. The bore size on the far left represents the bore size selection. Check that the application RPM does not exceed the MAX. RPM on Table 1. Also check that the radial load does not exceed the Maximum Allowable Slip Fit Radial Load shown on Table 1. If it does, a line to line to light press fit of shaft is required. When selecting an L_{10} life of less than 30,000 hours, particular attention must be paid to shaft deflection and proper lubricant selection.

SELECTING BEARINGS SUPPORTING COMBINATION RADIAL AND THRUST LOADS

When a bearing supports both a radial load and a thrust load, the loading on the two rows is shared unequally depending on the ratio of thrust to radial load. The use of the X (radial factor) and Y (thrust factor) from Table 1 converts the applied thrust load and radial loads to an equivalent radial load having the same effect on the life of the bearing as a radial load of this magnitude.

The equivalent radial load $P = X F_R + Y F_A$

Where: P= Equivalent radial load, lbs.

F_R = Radial load, lbs.(see Table 1 for allowable slip fit maximum)

F_A = Thrust (axial) load, lbs.

e = Thrust load to radial load factor (Table 1)

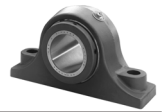
X = Radial load factor (Table 1)

Y= Thrust load factor (Table 1)

To find X and Y, calculate F_A/F_R and compare to e for the selected bore size. Determine X and Y from Table 1, pg. B6-14 depending on whether F_A/F_R is equal to or less than e , or F_A/F_R is greater than e . Substitute all known values into the equivalent radial load equation. P (equivalent radial load) can be used in the life formula to determine L_{10} , or it can be compared to the allowable equivalent radial load ratings for the speed and hours life desired in the easy selection Table 2, pg B6-15.

*The DODGE Bearing Evaluation and Selection Technique (BEST) is a menu driven computer program that calculates bearing loads, fatigue life and operating temperature for a two bearing shaft system based on user supplied input parameters. To order, call (864) 287-4800.

FEATURES/BENEFITS PAGE B6-3	SPECIFICATION PAGE B6-8	NOMENCLATURE PAGE B6-10	SELECTION/DIMENSIONS PAGE B6-22
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Type E, Type K, DOUBLE-INTERLOCK and TAF

SELECTING BEARINGS SUPPORTING ONLY THRUST LOADS

Tapered Roller Bearings perform extremely well under pure thrust load applications. Use $P = YF_A$ for the equivalent radial load. The value of Y is obtained from Table 1, pg. B6-14 for $F_A/F_R > e$. Substitute Y and F_A into the equivalent load equation. P (equivalent radial load) can be used in the life formula to determine L_{10} or it can be compared to the allowable equivalent radial load ratings for the speed and hours life desired in the easy selection Table 2, pg. B6-15.

LUBRICATION

DODGE E, K, DI, and TAF tapered roller bearings up to 5" bore are lubricated at the factory with MOBILITH AW 2 grease. Above 5" bore they are lubricated with Mobil Mobilux #2EP. Mobilith AW 2 is a superior industrial grease

using a lithium complex thickener and a highly refined base oil. Mobil Mobilux #2EP grease is a superior industrial grease using a lithium hydroxystearate thickener and highly refined base oil. These greases will adequately handle low and medium speeds with low and medium loads at normal temperatures as defined on Table 5, pg. B6-18. For very low and high speeds, for heavy loads and for low and high temperatures, special greases must be used. Contact DODGE Application Engineering (864) 297-4800. DODGE engineers will recommend bearings and lubricants for the above unusual conditions. DODGE also has the expertise to custom design and build special bearings for your needs. The only maintenance requirement for DODGE Tapered Roller Bearings is periodic relubrication at regular intervals as outlined in the appropriate instruction manuals.

RELUBRICATION SCHEDULE

Hours Run per Day	SUGGESTED LUBRICATION PERIOD IN WEEKS							
	1 to 250	251 to	501 to	751 to	1001 to	1501 to	2001 to	2501 to
	RPM	500 RPM	750 RPM	1000 RPM	1500 RPM	2000 RPM	2500 RPM	3000 RPM
8	12	12	10	7	5	4	3	2
16	12	7	5	4	2	2	2	1
24	10	5	3	2	1	1	1	1

High Speed Operation --- In the higher speed ranges too much grease will cause overheating. The amount of grease that the bearing will take for particular high speed application can only be determined by experience --- see "Operating Temperature" below. If excess grease in the bearing caused overheating, it will be necessary to remove grease fitting (also drain plug when furnished) to permit excess grease to escape. When establishing a relubrication schedule, note that a small amount of grease at frequent intervals is preferable to a large amount at infrequent intervals.

Operation in Presence of Dust, Water or Corrosive Vapors --- Under these conditions the bearing should contain as much grease as speed will permit, since a full bearing with consequent slight leakage is the best protection against entrance of foreign material. In the higher speed ranges too much grease will cause overheating --- see "High Speed Operation". In the lower speed ranges, it is advisable to add extra grease to a new bearing before putting into operation. Bearings should be

greased as often as necessary (daily if required) to maintain a slight leakage at the seals.

INSTALLATION AND MAINTENANCE

In nearly all applications good design practice requires two bearings supporting the shaft. In cases where three or more bearings are installed, unless precautions are taken to line the bearings up, both vertically and horizontally, it is possible to induce heavy loads. In the case of two bearings, alignment is not as critical, especially with DODGE K, DI, and TAF Tapered Roller Bearings. K, DI, and TAF bearings are designed to allow as much as 2° to 7° of static misalignment depending on bore size. To ensure good alignment, mounting surfaces must be checked for flatness and must lie in the same plane. When tightening base bolts and cap bolts, each bolt should be alternately tightened in incremental torque values until full torque is achieved to prevent the angular shifting of the pillow block that occurs when one bolt is tightened to its full torque. Shimmiing may be required to minimize misalignment..

FEATURES/BENEFITS PAGE B6-3	SPECIFICATION PAGE B6-8	NOMENCLATURE PAGE B6-10	SELECTION/DIMENSIONS PAGE B6-22
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Type E, Type K, DOUBLE-INTERLOCK and TAF

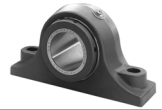
TABLE 1 - E, K, DI, AND TAF TAPERED ROLLER BEARING RADIAL AND THRUST FACTORS

SHAFT SIZE	e	$F_A/F_R < e$		$F_A/F_R > e$		DYNAMIC CAPACITY C_{90}	STATIC CAPACITY C_0	MAXIMUM RPM	MAXIMUM RPM	MAXIMUM ALLOWABLE SLIP FIT RADIAL LOAD, F_R **, LBS	
		X	Y	X	Y	LBS.	LBS.	R-SEAL	E-TECT	E, DI, & TAF	K
1-3/16 1-1/4	0.49	0.87	1.77	0.70	2.14	2,980	15,760	4,490	3,100	3,100	2,100
1-3/8 1-7/16	0.46	0.87	1.89	0.70	2.28	4,760	26,000	3,820	2,675	5,000	3,300
1-1/2 1-5/8 1-11/16	0.44	0.87	1.96	0.70	2.37	6,140	33,000	3,320	2,325	6,400	4,300
1-3/4 1-7/8 1-15/16 2	0.33	0.87	2.64	0.70	3.18	8,070	43,000	3,050	2,135	8,400	5,600
2-3/16	0.36	0.87	2.38	0.70	2.87	8,550	48,200	2,730	1,900	8,900	5,900
2-1/4 2-7/16 2-1/2	0.40	0.87	2.17	0.70	2.63	9,090	54,000	2,420	1,700	9,500	6,300
2-11/16 2-3/4 2-15/16 3	0.46	0.87	1.87	0.70	2.26	9,600	61,200	2,060	1,440	10,000	6,700
3-3/16 3-1/4 3-7/16 3-1/2	0.50	0.87	1.71	0.70	2.07	15,300	108,600	1,640	1,145	16,000	10,500
3-15/16 4	0.49	0.87	1.77	0.70	2.14	21,000	154,000	1,530	1,070	22,000	14,600
4-7/16 4-1/2	0.53	0.87	1.63	0.70	1.97	25,800	188,400	1,360	950	27,000	----
4-15/16 5	0.47	0.87	1.83	0.70	2.21	35,500	266,000	1,200	840	35,000	----
5-7/16 5-15/16 6	0.49	0.87	1.76	0.70	2.12	40,700	354,000	915	640	42,400	----
6-7/16 6-1/2 6-15/16 7	0.54	0.87	1.61	0.70	1.95	69,200	574,000	790	550	72,000	----

Comparing Spherical To Taper Roller Bearings: The dynamic capacity C (spherical) and C_{90} (taper) are not to the same base. To compare basic dynamic capacities, multiply $C \times .259$ and compare to C_{90} .

* C_{90} - Dynamic capacity based on a rated life of 90 million revolutions or 3000 hours at 500 RPM.

** If load exceeds maximum allowable slip fit radial load, (F_R), line-to-line, to light press fit of shaft required. Application up to maximum slip fit radial load may be applied if recommended shaft tolerances are used.



Type E, Type K, DOUBLE-INTERLOCK and TAF

TABLE 2 - EASY SELECTION TABLE TYPE E, K, DI AND TAF

Shaft Size	L10 Hours Life	Allowable Equivalent Radial Load (Lbs.) at various Revolutions Per Minute																		
		50	100	150	250	500	790	915	1,200	1,360	1,530	1,640	1,750	2,060	2,420	2,730	3,050	3,320	3,820	4,490
1-3/16 1-1/4	10,000	4,143	3,365	2,980	2,557	2,077	1,810	1,732	1,597	1,538	1,485	1,454	1,426	1,358	1,294	1,248	1,207	1,177	1,128	1,075
	30,000	2,980	2,421	2,143	1,839	1,494	1,302	1,246	1,149	1,106	1,068	1,046	1,026	977	931	898	868	846	811	773
	40,000	2,734	2,220	1,966	1,687	1,370	1,194	1,143	1,054	1,015	980	959	941	896	854	823	796	776	744	709
	60,000	2,421	1,966	1,741	1,494	1,213	1,058	1,012	933	899	867	849	833	793	756	729	705	687	659	628
	100,000	2,077	1,687	1,494	1,281	1,041	907	868	800	771	744	729	715	681	648	625	605	590	565	539
1-3/8 1-7/16	10,000	6,618	5,376	4,760	4,084	3,317	2,892	2,767	2,551	2,457	2,372	2,323	2,278	2,169	2,067	1,993	1,928	1,880	1,802	
	30,000	4,760	3,866	3,424	2,937	2,386	2,080	1,990	1,835	1,767	1,706	1,670	1,638	1,560	1,486	1,434	1,387	1,352	1,296	
	40,000	4,366	3,547	3,140	2,694	2,188	1,908	1,826	1,683	1,621	1,565	1,532	1,503	1,431	1,364	1,315	1,272	1,240	1,189	
	60,000	3,866	3,140	2,781	2,386	1,938	1,689	1,616	1,490	1,435	1,385	1,357	1,331	1,267	1,207	1,165	1,126	1,098	1,053	
	100,000	3,317	2,694	2,386	2,047	1,662	1,449	1,387	1,278	1,231	1,189	1,164	1,142	1,087	1,036	999	966	942	903	
1-1/2 1-5/8 1-11/16	10,000	8,537	6,934	6,140	5,268	4,279	3,730	3,569	3,290	3,169	3,059	2,996		2,798	2,666	2,571	2,487	2,425		
	30,000	6,140	4,987	4,416	3,789	3,077	2,683	2,567	2,366	2,279	2,200	2,155	2,113	2,012	1,917	1,849	1,789	1,744		
	40,000	5,632	4,575	4,051	3,475	2,823	2,461	2,355	2,171	2,091	2,018	1,977	1,939	1,846	1,759	1,696	1,641	1,600		
	60,000	4,987	4,051	3,587	3,077	2,500	2,179	2,085	1,922	1,851	1,787	1,750	1,716	1,635	1,557	1,502	1,453	1,416		
	100,000	4,279	3,475	3,077	2,640	2,144	1,869	1,789	1,649	1,588	1,533	1,502	1,473	1,402	1,336	1,289	1,247	1,215		
1-3/4 1-7/8 1-15/16 2	10,000	11,220	9,114	8,070	6,923	5,624	4,902	4,691	4,325	4,165	4,021	3,938	3,862	3,677	3,504	3,379	3,269			
	30,000	8,070	6,555	5,804	4,979	4,045	3,526	3,374	3,110	2,996	2,892	2,832	2,777	2,645	2,520	2,431	2,351			
	40,000	7,403	6,013	5,324	4,568	3,710	3,234	3,095	2,853	2,748	2,653	2,598	2,548	2,426	2,312	2,230	2,157			
	60,000	6,555	5,324	4,714	4,045	3,285	2,864	2,740	2,526	2,433	2,349	2,300	2,256	2,148	2,047	1,974	1,910			
	100,000	5,624	4,568	4,045	3,470	2,818	2,457	2,351	2,167	2,088	2,015	1,974	1,935	1,843	1,756	1,694	1,638			
2-3/16	10,000	11,888	9,656	8,550	7,335	5,958	5,194	4,970	4,582	4,413	4,260	4,172	4,091	3,896	3,712	3,581				
	30,000	8,550	6,945	6,149	5,276	4,285	3,736	3,575	3,295	3,174	3,064	3,001	2,943	2,802	2,670	2,575				
	40,000	7,843	6,371	5,641	4,839	3,931	3,427	3,279	3,023	2,911	2,810	2,752	2,699	2,570	2,449	2,362				
	60,000	6,945	5,641	4,995	4,285	3,481	3,034	2,903	2,677	2,578	2,489	2,437	2,390	2,276	2,169	2,092				
	100,000	5,958	4,839	4,285	3,676	2,986	2,603	2,491	2,296	2,212	2,135	2,091	2,051	1,953	1,861	1,795				
2-1/4 2-7/16 2-1/2	10,000	12,639	10,266	9,090	7,798	6,334	5,522	5,284	4,871	4,692	4,529	4,435	4,350	4,142	3,947					
	30,000	9,090	7,383	6,538	5,609	4,556	3,972	3,800	3,503	3,374	3,257	3,190	3,129	2,979	2,839					
	40,000	8,338	6,773	5,997	5,145	4,179	3,643	3,486	3,214	3,095	2,988	2,926	2,870	2,733	2,604					
	60,000	7,383	5,997	5,310	4,556	3,700	3,226	3,087	2,846	2,741	2,646	2,591	2,541	2,420	2,306					
	100,000	6,334	5,145	4,556	3,908	3,175	2,768	2,648	2,441	2,351	2,270	2,223	2,180	2,076	1,978					
2-11/16 2-3/4 2-15/16 3	10,000	13,348	10,842	9,600	8,236	6,690	5,832	5,580	5,145	4,955	4,783	4,684	4,594	4,375						
	30,000	9,600	7,798	6,905	5,924	4,811	4,194	4,014	3,700	3,564	3,440	3,369	3,304	3,146						
	40,000	8,806	7,153	6,334	5,434	4,414	3,848	3,682	3,394	3,269	3,156	3,090	3,031	2,886						
	60,000	7,798	6,334	5,608	4,811	3,908	3,407	3,260	3,005	2,895	2,794	2,737	2,684	2,556						
	100,000	6,690	5,434	4,811	4,128	3,353	2,923	2,797	2,578	2,483	2,397	2,348	2,302	2,192						

For maximum RPM see Table 1 on page B6-14

In the shaded area, E, DI and TAF mounted units require a line-to-line to light press fit of shaft

In the boxed area, Type K mounted units require a line-to-line to light press fit of shaft

FEATURES/BENEFITS PAGE B6-3	SPECIFICATION PAGE B6-8	NOMENCLATURE PAGE B6-10	SELECTION/DIMENSIONS PAGE B6-22
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Type E, Type K, DOUBLE-INTERLOCK and TAF

TABLE 2 (continued) - EASY SELECTION TABLE TYPE E, K, DI AND TAF

Shaft Size	L10 Hours Life	Allowable Equivalent Radial Load (Lbs.) at various Revolutions Per Minute																		
		50	100	150	250	500	790	915	1,200	1,360	1,530	1,640	1,750	2,060	2,420	2,730	3,050	3,320	3,820	4,490
3-3/16 3-1/4 3-7/16 3-1/2	10,000	21,273	17,279	15,300	13,126	10,662	9,295	8,894	8,199	7,897	7,623	7,466	7,322							
	30,000	15,300	12,427	11,004	9,441	7,668	6,685	6,397	5,897	5,680	5,482	5,369	5,266							
	40,000	14,035	11,400	10,094	8,660	7,034	6,132	5,868	5,409	5,210	5,029	4,925	4,830							
	60,000	12,427	10,094	8,938	7,668	6,228	5,430	5,196	4,790	4,613	4,453	4,361	4,277							
	100,000	10,662	8,660	7,668	6,579	5,344	4,658	4,458	4,109	3,958	3,820	3,742	3,670							
3-15/16 4	10,000	29,198	23,716	21,000	18,016	14,634	12,757	12,207	11,254	10,839	10,463									
	30,000	21,000	17,057	15,104	12,958	10,525	9,175	8,780	8,094	7,796	7,525									
	40,000	19,264	15,647	13,855	11,886	9,655	8,417	8,054	7,425	7,151	6,903									
	60,000	17,057	13,855	12,268	10,525	8,549	7,453	7,131	6,574	6,332	6,112									
	100,000	14,634	11,886	10,525	9,030	7,334	6,394	6,118	5,640	5,432	5,244									
4-7/16 4-1/2	10,000	35,872	29,137	25,800	22,134	17,979	15,673	14,998	13,826	13,316										
	30,000	25,800	20,956	18,556	15,919	12,931	11,273	10,787	9,944	9,577										
	40,000	23,667	19,223	17,022	14,603	11,861	10,340	9,895	9,122	8,786										
	60,000	20,956	17,022	15,072	12,931	10,503	9,156	8,761	8,077	7,779										
	100,000	17,979	14,603	12,931	11,093	9,011	7,855	7,517	6,929	6,674										
4-15/16 5	10,000	49,359	40,092	35,500	30,456	24,738	21,566	20,636	19,024											
	30,000	35,500	28,835	25,532	21,905	17,792	15,511	14,842	13,682											
	40,000	32,565	26,451	23,421	20,094	16,321	14,228	13,615	12,551											
	60,000	28,835	23,421	20,739	17,792	14,452	12,599	12,055	11,114											
	100,000	24,738	20,094	17,792	15,264	12,398	10,809	10,343	9,535											
5-7/16 5-15/16 6	10,000	56,589	45,964	40,700	34,917	28,362	24,725	23,659												
	30,000	40,700	33,059	29,272	25,113	20,398	17,783	17,016												
	40,000	37,335	30,325	26,852	23,037	18,712	16,312	15,609												
	60,000	33,059	26,852	23,777	20,398	16,569	14,444	13,821												
	100,000	28,362	23,037	20,398	17,500	14,214	12,392	11,858												
6-7/16 6-1/2 6-15/16 7	10,000	56,589	45,964	40,700	34,917	28,362	24,038													
	30,000	40,700	33,059	29,272	25,113	20,398	30,235													
	40,000	37,335	30,325	26,852	23,037	18,712	27,735													
	60,000	33,059	26,852	23,777	20,398	16,569	24,558													
	100,000	28,362	23,037	20,398	17,500	14,214	21,069													

For maximum RPM see Table 1 on page B6-14

In the shaded area, E, DI and TAF mounted units require a line-to-line to light press fit of shaft

In the boxed area, Type K mounted units require a line-to-line to light press fit of shaft



Type E, DOUBLE-INTERLOCK and TAF

TABLE 3 - PERMISSIBLE THRUST LOAD, LBS.*

SHAFT SIZE INCHES	*E		*K/DI, TAF	
	2-Bolt	4-Bolt	2-Bolt	4-Bolt
1-3/16	2000		1400	
1-1/4	2000		1400	
1-3/8	2590		2590	
1-7/16	2590		2590	
1-1/2	2590		2590	
1-5/8	2590		2590	
1-11/16	2590		2590	
1-3/4	3454		3454	
1-7/8	3454		3454	
1-15/16	3454		3454	
2	3454		3454	
2-3/16	3454		3454	
2-1/4	3454	3454	3454	3454
2-7/16	3454	3454	3454	3454
2-1/2	3454	3454	3454	3454
2-11/16	5181	5181	5181	5181
2-3/4	5181	5181	5181	5181
2-15/16	5181	5181	5181	5181
3	5181	5181	5181	5181
3-3/16	5181	5181	4300	5181
3-1/4	5181	5181	4300	5181
3-7/16	5181	5181	4300	5181
3-1/2	5181	5181	4300	5181
3-15/16		6908		6908
4		6908		6908
4-7/16		6908		6908
4-1/2		6908		6908
4-15/16		6908		6908
5		6908		6908
5-7/16		8635		8635
5-15/16		8635		8635
6		8635		8635
6-7/16		12282		12282
6-1/2		12282		12282
6-15/16		12282		12282
7		12282		12282

Note: The limits above apply to set screw shaft mounting or pillow block over turning force. Under heavy thrust loads it is always wise to use shear bars. At all times, the L10 life of the bearing should be checked for proper selection and life requirements. For thrust loads larger than listed or heavy thrust loading on other style housing, contact DODGE Engineering for recommendations.

* Does not include Piloted Flange
Piloted Flange up to and including 3-1/2" and all sizes of Type K only have one setscrew locking collar and therefore the above listed permissible thrust load values must be decreased by 1/2.

FEATURES/BENEFITS PAGE B6-3	SPECIFICATION PAGE B6-8	NOMENCLATURE PAGE B6-10	SELECTION/DIMENSIONS PAGE B6-22
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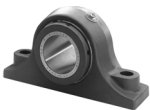
Type E, Type K, DOUBLE-INTERLOCK and TAF

TABLE 4 - K, DI AND TAF MAXIMUM AXIAL EXPANSION (INCHES)

Bore Size (INCHES)	Type K DOUBLE-INTERLOCK		TAF
	Pillow Block	Flange	
1-3/16 - 1-1/4	0.252	--	--
1-3/8 - 1-7/16	0.188	0.187	0.188
1-1/2 - 1-11/16	0.188	0.187	0.188
1-3/4 - 2	0.562	0.187	0.562
2-3/16	0.562	0.187	0.562
2-1/4 - 2-1/2	0.562	0.312	0.562
2-11/16 - 3	0.562	0.312	0.562
3-3/16 - 3-1/2	0.562	0.312	0.562
3-15/16 - 4	0.674	0.312	0.674
4-7/16 - 4-1/2	0.674	0.812	0.674
4-15/16 - 5	0.674	0.812	0.674
5-7/16 - 6	0.500	--	0.875
6-7/16 - 7	0.500	--	0.875

TABLE 5 - DEFINITION OF OPERATING CONDITIONS FOR TAPERED ROLLER BEARINGS

LOW SPEED	UP TO 20% OF MAX. RPM (TABLE 1)
MEDIUM SPEED	OVER 20% TO 80% OF MAX. RPM
HIGH SPEED	OVER 80% OF MAX. RPM
LIGHT LOAD	UP TO 30% OF C_{90} (TABLE 1)
NORMAL LOAD	OVER 30% TO 70% OF C_{90}
HEAVY LOAD	OVER 70% OF C_{90}
LOW TEMPERATURE	-100°F TO 20°F
MEDIUM TEMPERATURE	OVER 20°F TO 200°F
HIGH TEMPERATURE	OVER 200°F TO 300°F
VERY HIGH TEMPERATURE	OVER 300°F TO 400°F



Type E

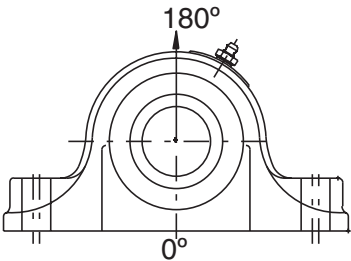


TABLE 6 - HOUSING RATINGS - TYPE E (SOLID HOUSING)

SHAFT SIZE (INCHES)	MAXIMUM RECOMMENDED HOUSING CAP LOADS, LBS. GRAY IRON 180°
1-3/16 - 1-1/4	1,600
1-3/8 - 1-7/16	3,150
1-1/2 - 1-11/16	3,000
1-3/4 - 2	5,150
2-3/16	3,500
2-1/4 - 2-1/2	6,550
2-11/16 - 3	7,000
3-3/16 - 3-1/2	15,700
3-15/16 - 4	16,250
4-7/16 - 4-1/2	21,000
4-15/16 - 5	22,860
5-7/16 - 6	43,600
6-7/16 - 7	46,000

*When utilizing heavy cap loads on pillow block housings, the installation must adhere to the following procedures.

1. The pillow block base bolts must be of **Grade 8 strength with hardened washers and properly tightened** to the mounting structure.
2. The use of stop bars (shear strips) against pillow block where side loads are encountered
3. In all cases where loads are heave, the L10 life of the bea4ring should be checked for proper selection and life requirements

SELECTION

DODGE®


Type K, DOUBLE-INTERLOCK and TAF

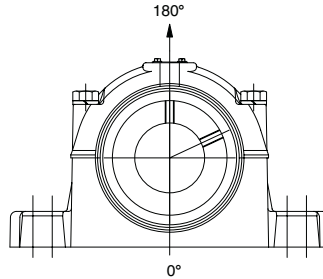


Table 7
Housing Ratings
Type K and DI Housing (Split Housing)

SHAFT SIZE (INCHES)	MAXIMUM RECOMMENDED HOUSING CAP LOADS, LBS. 180°
1-3/16 - 1-1/4	4,300
1-3/8 - 1-7/16	5,060
1-1/2 - 1-11/16	5,940
1-3/4 - 2	8,660
2-3/16	10,100
2-1/4 - 2-1/2	10,100
2-11/16 - 3	11,220
3-3/16 - 3-1/2	16,170
3-15/16 - 4	19,580
4-7/16 - 4-1/2	20,130
4-15/16 - 5	24,530
5-7/16 - 6	35,200
6-7/16 - 7	56,000

Table 8
Housing Ratings
TAF (Split Housing)

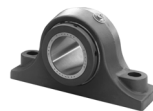
SHAFT SIZE (INCHES)	MAXIMUM RECOMMENDED HOUSING CAP LOADS, LBS. 180°
1-7/16	4,600
1-11/16	5,400
1-15/16	7,875
2-3/16	9,200
2-7/16 - 2-1/2	9,220
2-15/16 - 3	10,200
3-7/16 - 3-1/2	14,700
3-15/16 - 4	17,800
4-7/16 - 4-1/2	18,300
4-15/16 - 5	22,300
5-7/16 - 6	30,000
6-7/16 - 6-1/2	30,000
6-15/16 - 7	48,000

*When utilizing heavy cap loads on pillow block housings, the installation must adhere to the following procedures.

1. The pillow block base bolts must be of **Grade 8 strength with hardened washers and properly tightened** to the mounting structure.
2. The use of stop bars (shear strips) against pillow block where side loads are encountered
3. In all cases where loads are heavy, the L10 life of the bearing should be checked for proper selection and life requirements

SELECTION/DIMENSIONS

DODGE®



Type E, Type K, DOUBLE-INTERLOCK and TAF



MOUNTED BEARINGS APPLICATION DATA SHEET

Instructions: Complete all applicable information and mail or Fax to DODGE at P.O. Box 499, Greenville, SC 29620, Attn: Engineering, Fax 864-2317

Company _____ ☐ DIST. ☐ USER ☐ OEM _____ Date _____
Address _____
Name _____ Phone _____ Fax _____
Type of Equipment (sketch drive on separate sheet) _____

Service Conditions:

Shaft Speed: Normal _____ Maximum _____
Loads: Radial _____ Thrust _____ Shock (frequency) _____
Shaft size: _____ Shaft Tolerance (specify if not commercial) _____
Duty Cycle: Hours/Day _____ Days/Week _____ Weeks/Year _____

Environment:

Ambient Temperature: Summer _____ °F Winter _____ °F
External Heat: Source of Heat _____
Temperature _____ °F Distance from Bearing _____
Air: Clean _____ Contaminated _____ Contamination Type _____
Gas: Clean _____ Contaminated _____ Contamination Type _____
Liquid: Type _____ Concentration _____
Other: (Including washdowns) _____

Experience: (If applicable)

Type of Bearing Currently Used: _____
Life Realized _____ Type of Failure _____
Other Pertinent Data _____

L-10 Hours Required: _____
Dimensional Restrictions: Centerline Height _____
Bolt Pattern _____
Other _____

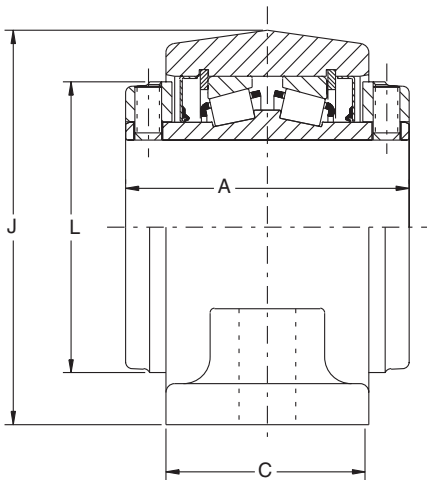
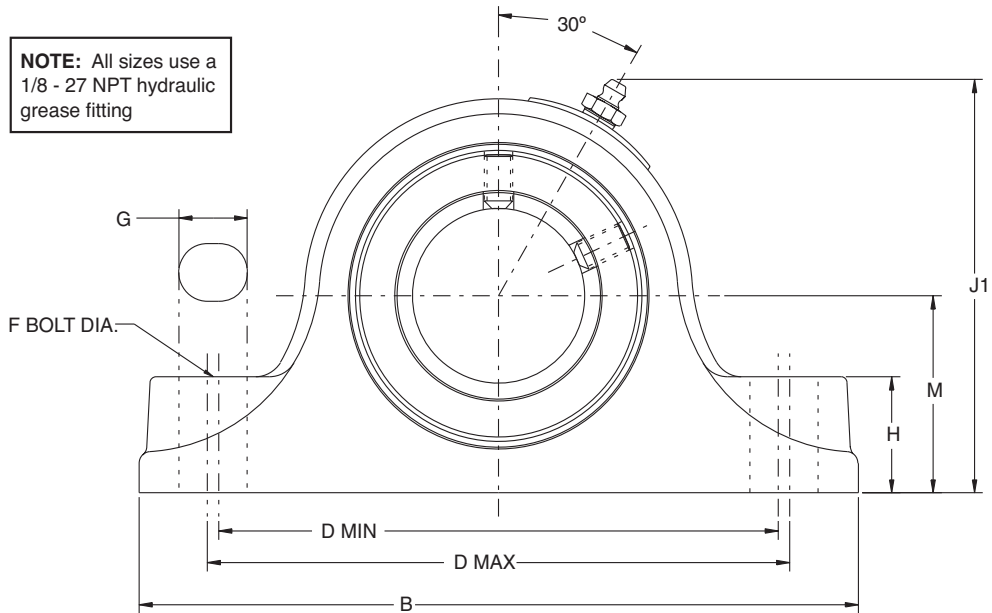
FEATURES/BENEFITS PAGE B6-3	SPECIFICATION PAGE B6-8	NOMENCLATURE PAGE B6-10	SELECTION PAGE B6-11
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SELECTION/DIMENSIONS

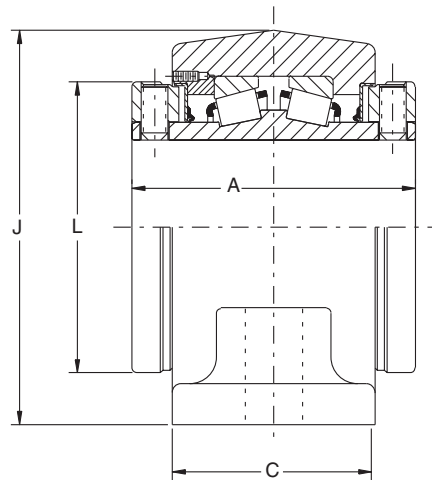
DODGE®


Type E Pillow Block - Inch 2-BOLT BASE

NOTE: All sizes use a
1/8 - 27 NPT hydraulic
grease fitting



1-3/16" THRU 3" CONSTRUCTION



3-3/16" THRU 3-1/2" CONSTRUCTION

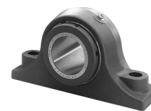
FEATURES/BENEFITS
PAGE B6-3

SPECIFICATION
PAGE B6-8

NOMENCLATURE
PAGE B6-10

SELECTION
PAGE B6-11

SELECTION/DIMENSIONS



Type E Pillow Block - Inch 2-BOLT BASE

GRAY IRON			
SHAFT SIZE INCHES #	PART NUMBER	PART NAME	WEIGHT LBS (APPROX)
1-3/16	023000	P2B-E-103R	4
1-1/4	023001	P2B-E-104R	4
1-3/8	023002	P2B-E-106R	7
1-7/16	023003	P2B-E-107R	7
1-1/2	023004	P2B-E-108R	10
1-5/8	023005	P2B-E-110R	10
1-11/16	023006	P2B-E-111R	10
1-3/4	023007	P2B-E-112R	12
1-7/8	023008	P2B-E-114R	12
1-15/16	023009	P2B-E-115R	12
2	023010	P2B-E-200R	12
2-3/16	023011	P2B-E-203R	15
2-1/4	023012	P2B-E-204R	21
2-7/16	023013	P2B-E-207R	20
2-1/2	023014	P2B-E-208R	20
2-11/16	023015	P2B-E-211R	29
2-3/4	023016	P2B-E-212R	28
2-15/16	023017	P2B-E-215R	27
3	023018	P2B-E-300R	27
3-3/16	023019	P2B-E-303R	48
3-1/4	023020	P2B-E-304R	47
3-7/16	023021	P2B-E-307R	46
3-1/2	023022	P2B-E-308R	45

Consult DODGE For Sizes Not Listed
+ Non-Stock - Consult DODGE For Delivery

CAST STEEL			
SHAFT SIZE INCHES #	PART NUMBER	PART NAME	WEIGHT LBS
1-3/16	023047+	SP2B-E-103R	4
1-1/4	023048+	SP2B-E-104R	4
1-3/8	023049+	SP2B-E-106R	7
1-7/16	023050+	SP2B-E-107R	7
1-1/2	023051+	SP2B-E-108R	10
1-5/8	023052+	SP2B-E-110R	10
1-11/16	023053+	SP2B-E-111R	10
1-3/4	023054+	SP2B-E-112R	11
1-7/8	023055+	SP2B-E-114R	11
1-15/16	023056+	SP2B-E-115R	11
2	023057+	SP2B-E-200R	11
2-3/16	023058+	SP2B-E-203R	14
2-1/4	023059+	SP2B-E-204R	19
2-7/16	023060	SP2B-E-207R	19
2-1/2	023061+	SP2B-E-208R	19
2-11/16	023062+	SP2B-E-211R	26
2-3/4	023063+	SP2B-E-212R	26
2-15/16	023064	SP2B-E-215R	26
3	023065+	SP2B-E-300R	26
3-3/16	023066+	SP2B-E-303R	44
3-1/4	023067+	SP2B-E-304R	44
3-7/16	023068	SP2B-E-307R	44
3-1/2	023069+	SP2B-E-308R	44

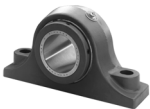
Consult DODGE For Sizes Not Listed
+ Non-Stock - Consult DODGE For Delivery

SHAFT SIZE (Inches)	A	B	C	D MIN	D MAX	F BOLT DIA	G	H	J	J1	L	M
1-3/16 1-1/4	2-3/4	6	1-7/8	4-3/4	4-13/16	1/2	19/32	7/8	3	3-9/32	2-1/4	1-1/2
1-3/8 1-7/16	3	7-3/8	2-1/8	5-5/8	5-7/8	1/2	3/4	1-1/8	3-3/4	4	2-3/4	1-7/8
1-1/2 1-5/8 1-11/16	3-3/8	7-7/8	2-3/8	6-1/8	6-3/8	1/2	3/4	1-1/4	4-1/4	4-15/32	3-3/16	2-1/8
1-3/4 1-7/8 1-15/16 2	3-1/2	8-7/8	2-1/2	6-7/8	7-1/8	5/8	7/8	1-5/16	4-1/2	4-11/16	3-7/16	2-1/4
2-3/16 2-1/4 2-7/16 2-1/2	4	10-1/2	2-7/8	8-3/8	8-5/8	5/8	7/8	1-5/8	5-1/2	5-5/8	4-1/16	2-3/4
2-11/16 2-3/4 2-15/16 3	4-1/2	12	3	9-5/16	9-11/16	3/4	1	1-7/8	6-1/4	6-11/32	4-23/32	3-1/8
3-3/16 3-1/4 3-7/16 3-1/2	5	14	3-1/2	10-13/16	11-3/16	7/8	1-3/16	2-1/4	7-1/2	7-1/2	5-1/2	3-3/4

NOTE: All sizes use a 1/8-27 NPT hydraulic grease fitting

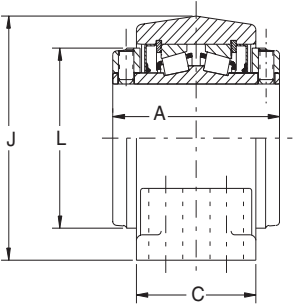
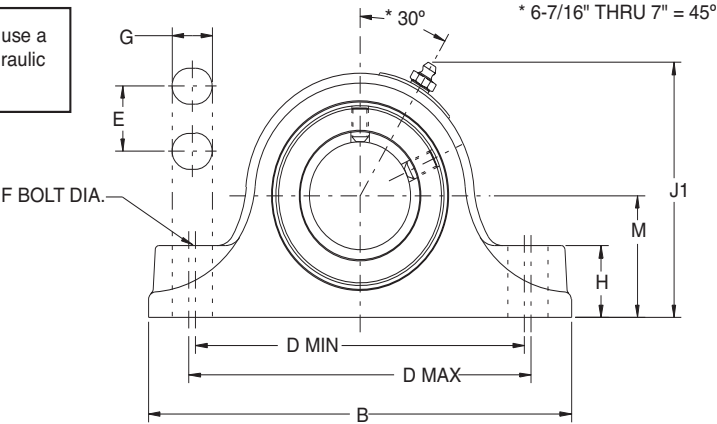
FEATURES/BENEFITS PAGE B6-3	SPECIFICATION PAGE B6-8	NOMENCLATURE PAGE B6-10	SELECTION PAGE B6-11
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SELECTION/DIMENSIONS

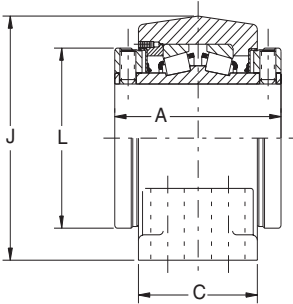


Type E Pillow Block - Inch 4-BOLT BASE

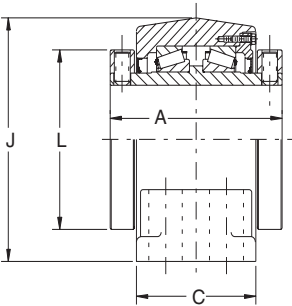
NOTE: All sizes use a 1/8 - 27 NPT hydraulic grease fitting



2-1/4" THRU 3" CONSTRUCTION



3-3/16" THRU 5" CONSTRUCTION



5-7/16" THRU 7" CONSTRUCTION

FEATURES/BENEFITS PAGE B6-3	SPECIFICATION PAGE B6-8	NOMENCLATURE PAGE B6-10	SELECTION PAGE B6-11
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SELECTION/DIMENSIONS



Type E Pillow Block - Inch 4-BOLT BASE

GRAY IRON			
SHAFT SIZE INCHES #	PART NUMBER	PART NAME	WEIGHT LBS (APPROX)
2-1/4	023023	P4B-E-204R	20
2-7/16	023024	P4B-E-207R	20
2-1/2	023025	P4B-E-208R	19
2-11/16	023026	P4B-E-211R	30
2-3/4	023027	P4B-E-212R	28
2-15/16	023028	P4B-E-215R	28
3	023029+	P4B-E-300R	28
3-3/16	023030+	P4B-E-303R	47
3-1/4	023031	P4B-E-304R	47
3-7/16	023032	P4B-E-307R	46
3-1/2	023033	P4B-E-308R	45
3-15/16	023690	P4B-E-315R	69
4	023691	P4B-E-400R	69
4-7/16	023692	P4B-E-407R	85
4-1/2	023693	P4B-E-408R	85
4-15/16	023694	P4B-E-415R	134
5	023695	P4B-E-500R	133
5-7/16	023040	P4B-E-507R	230
5-15/16	023041	P4B-E-515R	250
6	023042	P4B-E-600R	245
6-7/16	023043+	P4B-E-607R	356
6-1/2	023044	P4B-E-608R	350
6-15/16	023045	P4B-E-615R	340
7	023046+	P4B-E-700R	335

Consult DODGE For Sizes Not Listed

+ Non-stock -- Consult DODGE For Delivery

CAST STEEL			
SHAFT SIZE INCHES #	PART NUMBER	PART NAME	WEIGHT LBS
2-1/4	-----	-----	-----
2-7/16	-----	-----	-----
2-1/2	-----	-----	-----
2-11/16	-----	-----	-----
2-3/4	-----	-----	-----
2-15/16	-----	-----	-----
3	-----	-----	-----
3-3/16	-----	-----	-----
3-1/4	-----	-----	-----
3-7/16	-----	-----	-----
3-1/2	-----	-----	-----
3-15/16	023070	SP4B-E-315R	65
4	023071	SP4B-E-400R	65
4-7/16	023072	SP4B-E-407R	81
4-1/2	023073	SP4B-E-408R	81
4-15/16	023074	SP4B-E-415R	132
5	023075	SP4B-E-500R	132
5-7/16	-----	-----	-----
5-15/16	-----	-----	-----
6	-----	-----	-----
6-7/16	-----	-----	-----
6-1/2	-----	-----	-----
6-15/16	-----	-----	-----
7	-----	-----	-----

Consult DODGE For Sizes Not Listed

+ Non-stock -- Consult DODGE For Delivery

SHAFT SIZE INCHES	A	B	C*	D		E	F BOLT DIA	G	H	J1	J	L	M
				MIN	MAX								
2-1/4													
2-7/16	4	10-1/2	3-1/2	8-5/16	8-11/16	1-7/8	5/8	7/8	1-5/8	5-1/2	5-5/8	4-1/16	2-3/4
2-1/2													
2-11/16													
2-3/4	4-1/2	12	4	9-3/16	9-13/16	2-1/8	5/8	1	1-7/8	6-1/4	6-11/32	4-23/32	3-1/8
2-15/16													
3													
3-3/16													
3-1/4	5	13-1/2	4-1/2	10-3/4	11-1/4	2-3/8	3/4	1-3/16	2-1/4	7-1/2	7-1/2	5-1/2	3-3/4
3-7/16													
3-1/2													
3-15/16	6-1/4	15-1/4	4-1/2	12-1/4	12-3/4	2-1/4	3/4	1-1/8	2-7/16	8-1/2	8-7/16	6	4-1/4
4													
4-7/16	6-3/4	16-5/8	4-5/8	13-1/4	13-3/4	2-1/2	3/4	1-1/8	2-3/4	9-3/8	9-9/32	6-29/64	4-3/4
4-1/2													
4-15/16	7-1/4	18-1/2	5-1/8	15-1/4	15-3/4	2-7/8	7/8	1-1/4	3	10-7/8	10-11/16	7-29/64	5-1/2
5													
5-7/16													
5-15/16	9	22	6-1/4	17-3/8	19-1/8	3-3/4	1	2	3-1/4	13-3/16	----	9-3/8	6-11/16
6													
6-7/16													
6-1/2	10-1/2	26	7-1/8	21-1/4	23-1/4	4-5/8	1	2	3-11/16	14-15/16	----	11-3/8	7-1/2
6-15/16													
7													

NOTE: All sizes use a 1/8-27 NPT hydraulic grease fitting

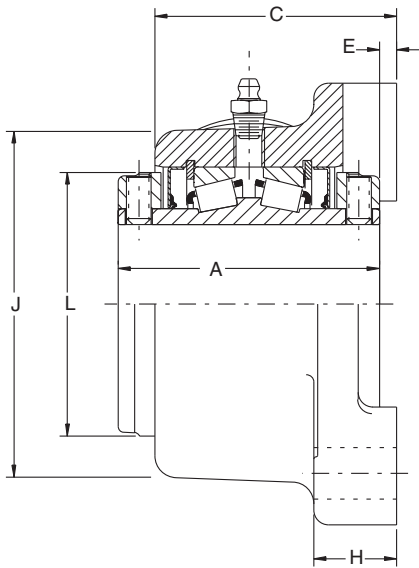
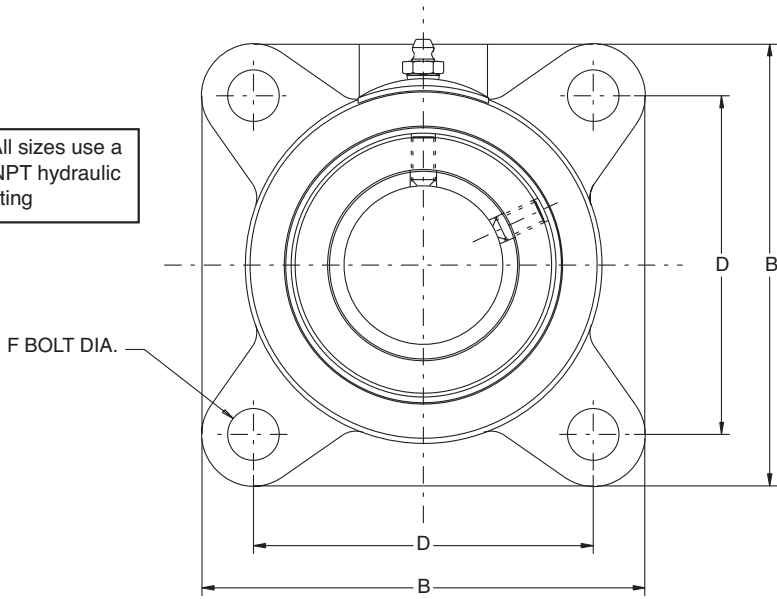
FEATURES/BENEFITS PAGE B6-3	SPECIFICATION PAGE B6-8	NOMENCLATURE PAGE B6-10	SELECTION PAGE B6-11
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SELECTION/DIMENSIONS

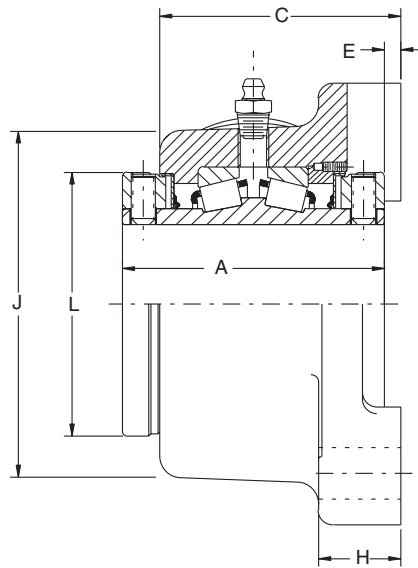
DODGE®


Type E Flange Bearing - Inch 4-BOLT FLANGE

NOTE: All sizes use a
1/8 - 27 NPT hydraulic
grease fitting



1-3/16" THRU 3" CONSTRUCTION



3-3/16" THRU 4-1/2" CONSTRUCTION

FEATURES/BENEFITS
PAGE B6-3

SPECIFICATION
PAGE B6-8

NOMENCLATURE
PAGE B6-10

SELECTION
PAGE B6-11

SELECTION/DIMENSIONS



Type E Flange Bearing - Inch 4-BOLT FLANGE

GRAY IRON			
SHAFT SIZE INCHES #	PART NUMBER	PART NAME	WEIGHT LBS (APPROX)
1-3/16	023093	F4B-E-103R	4
1-1/4	023094	F4B-E-104R	4
1-3/8	023095	F4B-E-106R	7
1-7/16	023096	F4B-E-107R	7
1-1/2	023097	F4B-E-108R	11
1-5/8	023098	F4B-E-110R	11
1-11/16	023099	F4B-E-111R	11
1-3/4	023100	F4B-E-112R	12
1-7/8	023101	F4B-E-114R	12
1-15/16	023102	F4B-E-115R	12
2	023103	F4B-E-200R	12
2-3/16	023104	F4B-E-203R	15
2-1/4	023105	F4B-E-204R	21
2-7/16	023106	F4B-E-207R	20
2-1/2	023107	F4B-E-208R	19
2-11/16	023108	F4B-E-211R	28
2-3/4	023109	F4B-E-212R	28
2-15/16	023110	F4B-E-215R	27
3	023111	F4B-E-300R	26
3-3/16	023112	F4B-E-303R	52
3-1/4	023113+	F4B-E-304R	51
3-7/16	023114	F4B-E-307R	50
3-1/2	023115	F4B-E-308R	50
3-15/16	023116	F4B-E-315R	75
4	023117	F4B-E-400R	75
4-7/16	023118	F4B-E-407R	90
4-1/2	023119	F4B-E-408R	90

Consult DODGE For Sizes Not Listed.

+ Non-stock -- Consult DODGE For Delivery

SHAFT SIZE INCHES	A	B	C	D	E	F BOLT	H	J	L
1-3/16 1-1/4	2-3/4	3-3/4	2-11/32	2-7/8	1/16	3/8	1	2-15/16	2-1/4
1-3/8 1-7/16	3	4-5/8	2-19/32	3-1/2	1/16	1/2	1-1/16	3-1/2	2-3/4
1-1/2 1-5/8 1-11/16	3-3/8	5-3/8	2-31/32	4-1/8	1/8	1/2	1-3/16	4-3/16	3-3/16
1-3/4 1-7/8 1-15/16 2	3-1/2	5-5/8	3-3/32	4-3/8	1/8	1/2	1-3/16	4-7/16	3-7/16
2-3/16	3-3/4	6-1/4	3-9/32	4-7/8	1/8	5/8	1-3/8	4-7/8	3-3/4
2-1/4 2-7/16 2-1/2	4	6-7/8	3-9/16	5-3/8	3/16	5/8	1-1/2	5-5/16	4-1/16
2-11/16 2-3/4 2-15/16 3	4-1/2	7-3/4	3-15/16	6	3/16	3/4	1-5/8	6	4-23/32
3-3/16 3-1/4 3-7/16 3-1/2	5	9-1/4	4-1/2	7	1/4	3/4	1-7/8	7-1/4	5-1/2
3-15/16 4	6-1/4	10-1/4	5-5/8	7-3/4	1/4	7/8	2-1/8	8-1/4	6
4-7/16 4-1/2	6-3/4	10-7/8	5-15/16	8-3/4	11/32	7/8	2-7/16	8-3/4	6-29/64

NOTE: All sizes use a 1/8-27 NPT hydraulic grease fitting

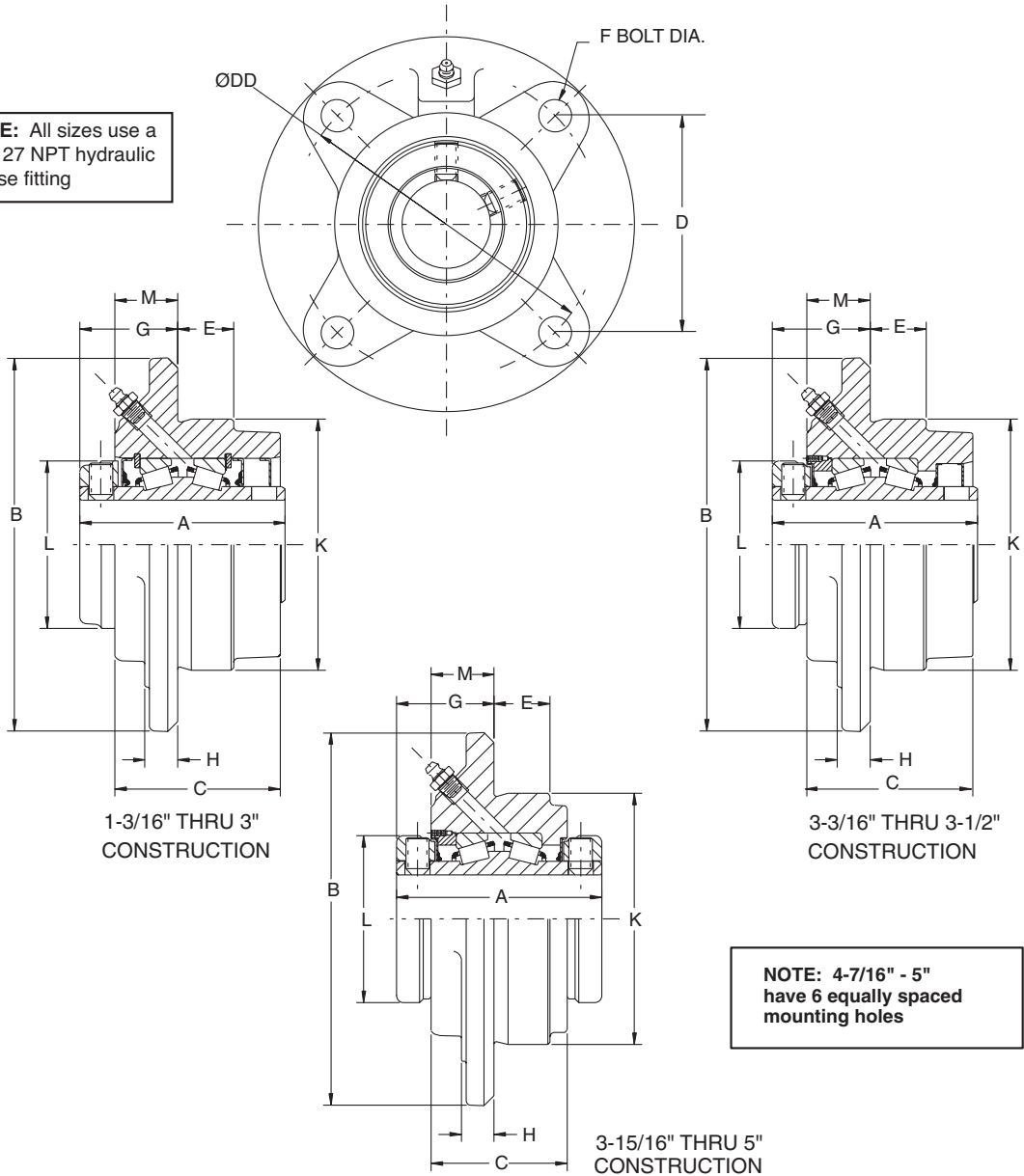
FEATURES/BENEFITS PAGE B6-3	SPECIFICATION PAGE B6-8	NOMENCLATURE PAGE B6-10	SELECTION PAGE B6-11
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SELECTION/DIMENSIONS

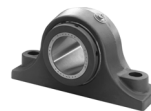
DODGE®


Type E Piloted Flange

NOTE: All sizes use a 1/8 - 27 NPT hydraulic grease fitting



SELECTION/DIMENSIONS



Type E Piloted Flange

GRAY IRON			
SHAFT SIZE INCHES #	PART NUMBER	PART NAME	WEIGHT LBS (APPROX)
1-3/16	023120	FC-E-103R	5
1-1/4	023121	FC-E-104R	5
1-3/8	023122	FC-E-106R	7
1-7/16	023123	FC-E-107R	6
1-1/2	023124	FC-E-108R	10
1-5/8	023125	FC-E-110R	9
1-11/16	023126	FC-E-111R	9
1-3/4	023127	FC-E-112R	11
1-7/8	023128+	FC-E-114R	10
1-15/16	023129	FC-E-115R	10
2	023130	FC-E-200R	10
2-3/16	023131	FC-E-203R	14
2-1/4	023132	FC-E-204R	18
2-7/16	023133	FC-E-207R	18
2-1/2	023134	FC-E-208R	17
2-11/16	023135	FC-E-211R	27
2-3/4	023136	FC-E-212R	27
2-15/16	023137	FC-E-215R	25
3	023138	FC-E-300R	25
3-3/16	023139+	FC-E-303R	44
3-1/4	023140+	FC-E-304R	44
3-7/16	023141	FC-E-307R	43
3-1/2	023142	FC-E-308R	42
3-15/16	023143	FC-E-315R	59
4	023144	FC-E-400R	58
4-7/16 ##	023145	FC-E-407R	110
4-1/2 ##	023146	FC-E-408R	110
4-15/16 ##	023147	FC-E-415R	130
5 ##	023148	FC-E-500R	130

Consult DODGE For Sizes Not Listed.

+ Non-stock – Consult DODGE For Delivery

SHAFT SIZE INCHES	A	B	C	D	ØDD	E	F BOLT#	G	H	K**	L	M
1-3/16 1-1/4	2-3/4	5	2-7/32	2.92	4-1/8	3/4	3/8	1-5/16	7/16	3-3/8	2-1/4	27/32
1-3/8 1-7/16	3	5-1/4	2-15/32	3.09	4-3/8	7/8	3/8	1-1/2	1/2	3-5/8	2-3/4	1-1/32
1-1/2 1-5/8 1-11/16	3-3/8	6-1/8	2-25/32	3.62	5-1/8	1-1/16	7/16	1-9/16	1/2	4-1/4	3-3/16	1-1/32
1-3/4 1-7/8 1-15/16 2	3-1/2	6-3/8	2-29/32	3.80	5-3/8	1-3/16	7/16	1-9/16	9/16	4-1/2	3-7/16	1-1/32
2-3/16	3-3/4	7-1/8	3-3/32	4.24	6	1-3/16	1/2	1-11/16	9/16	5	3-3/4	1-3/32
2-1/4 2-7/16 2-1/2	4	7-5/8	3-5/16	4.60	6-1/2	1-5/16	1/2	1-13/16	5/8	5-1/2	4-1/16	1-3/16
2-11/16 2-3/4 2-15/16 3	4-1/2	8-3/4	3-11/16	5.30	7-1/2	1-1/2	5/8	2	3/4	6-3/8	4-23/32	1-1/4
3-3/16 3-1/4 3-7/16 3-1/2	5	10-1/4	4-3/16	6.10	8-5/8	1-1/4	3/4	2-7/16	15/16	7-3/8	5-1/2	1-11/16
3-15/16 4	6-1/4	10-7/8	4-1/2	6.63	9-3/8	1-1/2	3/4	2-11/16	1	8-1/8	6	1-13/16
4-7/16 4-1/2	6-3/4	13-1/2	4-5/8	##	11-3/4	1-1/2	3/4##	3	1	10-1/4	6-29/64	1-15/16
4-15/16 5	7-1/4	14-3/4	5-1/16	##	12-3/4	1-3/4	7/8##	2-31/32	1-1/4	11	7-29/64	1-7/8

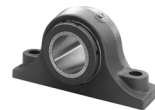
* 1-3/16 To 3-1/2 - One Collar
3-15/16 To 5, - Two Collars

(6) BOLTS EQUALLY SPACED
** +.000 - .002

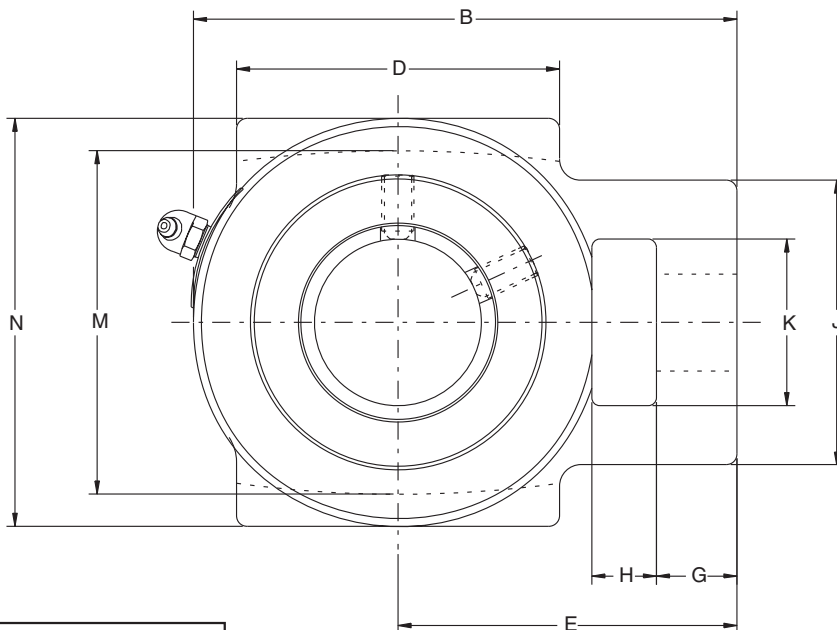
NOTE: All sizes use a 1/8-27 NPT
hydraulic grease fitting

FEATURES/BENEFITS PAGE B6-3	SPECIFICATION PAGE B6-8	NOMENCLATURE PAGE B6-10	SELECTION PAGE B6-11
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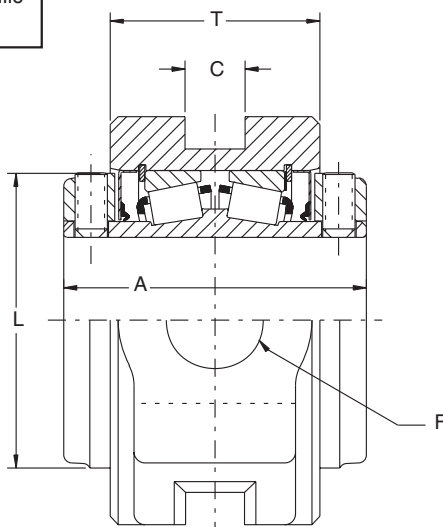
SELECTION/DIMENSIONS

DODGE®


Type E Wide Slot Take-Up Unit - Inch



NOTE: All sizes use a
1/8 - 27 NPT hydraulic
grease fitting



1-3/8" THRU 3" CONSTRUCTION

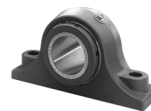
FEATURES/BENEFITS
PAGE B6-3

SPECIFICATION
PAGE B6-8

NOMENCLATURE
PAGE B6-10

SELECTION
PAGE B6-11

SELECTION/DIMENSIONS



D-LOK

Type E Family

Specialty Tapered

S-2000

UNISPHERE II

Type E Wide Slot Take-Up Unit - Inch

GRAY IRON				
SHAFT SIZE # Inches	PART NUMBER	PART NAME	WEIGHT LBS (APPROX)	FRAME Δ
1-3/8	023076+	WSTU-E-106R	8	CP308
1-7/16	023077	WSTU-E-107R	8	
1-1/2	023078	WSTU-E-108R	10	CP400
1-5/8	023079+	WSTU-E-110R	10	
1-11/16	023080	WSTU-E-111R	10	
1-3/4	023081+	WSTU-E-112R	12	CP400
1-7/8	023082+	WSTU-E-114R	12	
1-15/16	023083	WSTU-E-115R	12	
2	023084	WSTU-E-200R	12	
2-3/16	023085	WSTU-E-203R	16	CP408
2-1/4	023086+	WSTU-E-204R	21	CP502
2-7/16	023087	WSTU-E-207R	21	
2-1/2	023088+	WSTU-E-208R	21	
2-11/16	023089+	WSTU-E-211R	30	CP515
2-3/4	023090+	WSTU-E-212R	30	
2-15/16	023091	WSTU-E-215R	30	
3	023092+	WSTU-E-300R	30	

Consult DODGE For Sizes Not Listed.

+ Non-stock -- Consult DODGE For Delivery

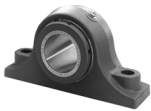
Δ See page B15-20 for CP Take-Up Frame

SHAFT SIZE INCHES	A	B	C	D	E	F SCREW DIA	G	H	J	K	L	M	N	T
1-3/8 1-7/16	3	5-3/32	17/32	2-3/4	3-7/32	3/4	11/16	5/8	2-7/16	1-7/16	2-3/4	3-1/2	4-1/8	2-1/16
1-1/2 1-5/8 1-11/16	3-3/8	6	11/16	3-1/4	3-13/16	1	15/16	3/4	3-5/16	1-15/16	3-3/16	4	4-3/4	2-5/16
1-3/4 1-7/8 1-15/16 2	3-1/2	6-5/16	11/16	3-3/4	3-15/16	1	15/16	3/4	3-5/16	1-15/16	3-7/16	4	4-3/4	2-7/16
2-3/16	3-3/4	7-1/8	13/16	3-3/4	4-5/8	1-1/8	1	1-1/4	3-7/8	2-1/4	3-3/4	4-1/2	5-1/4	2-9/16
2-1/4 2-7/16 2-1/2	4	7-13/16	1-1/16	4-1/2	5-1/16	1-1/4	1-1/16	1-1/4	4-1/4	2-1/2	4-1/16	5-1/8	6	2-3/4
2-11/16 2-3/4 2-15/16 3	4-1/2	9-1/8	1-13/16	4-3/4	5-7/8	1-1/2	1-3/8	1-1/2	4-7/8	2-3/4	4-23/32	5-15/16	6-3/4	3

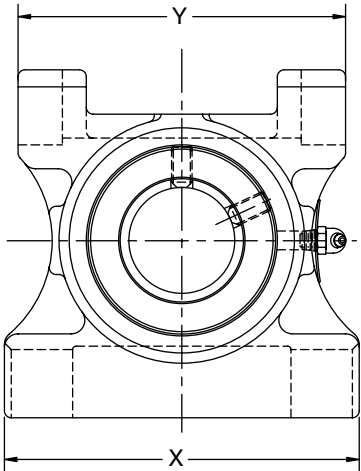
NOTE: All sizes use a 1/8-27 NPT hydraulic grease fitting

FEATURES/BENEFITS PAGE B6-3	SPECIFICATION PAGE B6-8	NOMENCLATURE PAGE B6-10	SELECTION PAGE B6-11
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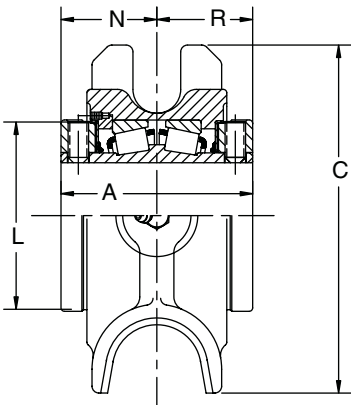
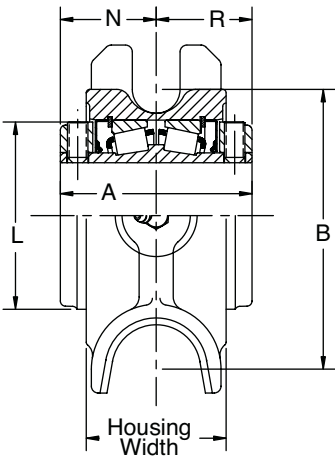
SELECTION/DIMENSIONS



Type E TP Take-Up Bearing - Inch

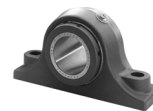


NOTE: All sizes use a 1/8 - 27 NPT hydraulic grease fitting



FEATURES/BENEFITS PAGE B6-3	SPECIFICATION PAGE B6-8	NOMENCLATURE PAGE B6-10	SELECTION PAGE B6-11
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SELECTION/DIMENSIONS



Type E TP Take-Up Bearing - Inch

GRAY IRON				
SHAFT SIZE INCHES #	PART NUMBER	PART NAME	WEIGHT LBS(APPROX)	FRAME SIZE REF.
1-3/4	023149+	TP-E-112R	14	TP10
1-7/8	023150+	TP-E-114R	14	TP10
1-15/16	023151	TP-E-115R	14	TP10
2	023152	TP-E-200R	14	TP10
2-3/16	023153	TP-E-203R	16	TP20
2-1/4	023154+	TP-E-204R	21	TP30
2-7/16	023155	TP-E-207R	21	TP30
2-1/2	023156+	TP-E-208R	21	TP30
2-11/16	023157+	TP-E-211R	29	TP40
2-3/4	023158+	TP-E-212R	29	TP40
2-15/16	023159	TP-E-215R	29	TP40
3	023160+	TP-E-300R	29	TP40
3-3/16	023161+	TP-E-303R	43	TP50
3-1/4	023162+	TP-E-304R	43	TP50
3-7/16	023163	TP-E-307R	42	TP50
3-1/2	023164+	TP-E-308R	42	TP50
3-15/16	023165	TP-E-315R	62	TP60
4	023166+	TP-E-400R	62	TP60

Consult DODGE For Sizes Not Listed.

+ Non-stock -- Consult DODGE For Delivery

Shaft Size	A	B	C	L	N	Housing Width	X	Y
1-3/4 1-7/8 1-15/16 2	3-1/2	5-3/16	6-3/8	3-7/16	1-3/4	2-9/16	6-1/2	6
2-3/16	3-3/4	5-13/16	6-7/8	3-3/4	1-7/8	2-9/16	6-3/4	7
2-1/4 2-7/16 2-1/2	4	6-1/4	7-7/16	4-1/16	2	3	7-1/2	7
2-11/16 2-3/4 2-15/16 3	4-1/2	7-3/16	8-5/16	4-23/32	2-1/4	3	8-1/2	8
3-3/16 3-1/4 3-7/16 3-1/2	5	8-5/16	9-5/8	5-1/2	2-1/2	3-3/4	9-1/2	9
3-15/16 4	6-1/4	9-1/16	11	6	3-1/8	4-3/4	11	10-1/2

NOTE: All sizes use a 1/8-27 NPT hydraulic grease fitting

FEATURES/BENEFITS PAGE B6-3	SPECIFICATION PAGE B6-8	NOMENCLATURE PAGE B6-10	SELECTION PAGE B6-11
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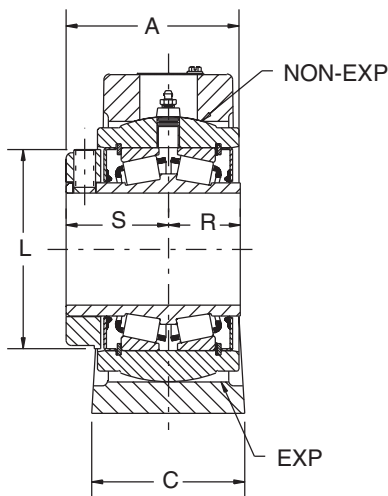
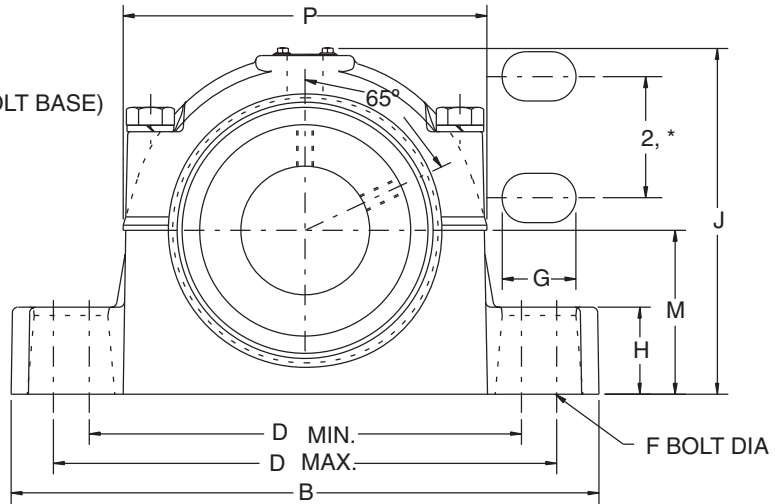
SELECTION/DIMENSIONS

DODGE®

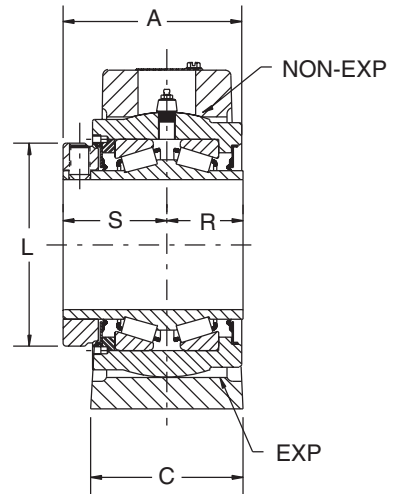

Type K Pillow Blocks 2&4 BOLT BASE - INCH*

- * 1-3/16 THRU 3-1/2 (2 BOLT BASE)
- * 3-15/16 (4 BOLT BASE)

NOTE: All sizes use a
1/8 - 27 NPT hydraulic
grease fitting



1-3/16" THRU 3"
CONSTRUCTION



3-3/16" THRU 3-15/16"
CONSTRUCTION

FEATURES/BENEFITS
PAGE B6-3

SPECIFICATION
PAGE B6-8

NOMENCLATURE
PAGE B6-10

SELECTION
PAGE B6-11

SELECTION/DIMENSIONS



Type K Pillow Blocks 2&4 BOLT BASE - INCH*

GRAY IRON* NON-EXPANSION			
SHAFT SIZE INCHES #	PART NUMBER	PART NAME	WEIGHT LBS (APPROX)
1-3/16	023167	P2B-K-103R	9
1-1/4	023168	P2B-K-104R	9
1-7/16	023170	P2B-K-107R	11
1-1/2	023171	P2B-K-108R	15
1-5/8	023172+	P2B-K-110R	14
1-11/16	023173	P2B-K-111R	14
1-3/4	023174	P2B-K-112R	20
1-15/16	023175	P2B-K-115R	19
2	023176	P2B-K-200R	19
2-3/16	023177	P2B-K-203R	24
2-1/4	023178	P2B-K-204R	28
2-7/16	023179	P2B-K-207R	28
2-1/2	023180	P2B-K-208R	28
2-11/16	023181	P2B-K-211R	40
2-3/4	023182	P2B-K-212R	40
2-15/16	023183	P2B-K-215R	39
3	023184	P2B-K-300R	39
3-7/16	023186+	P2B-K-307R	67
3-1/2	023187	P2B-K-308R	66
3-15/16 ▲	023188	P4B-K-315R	106

* Furnished Unless Otherwise Specified

Consult DODGE For Sizes Not Listed

+ Non-stock -- Consult DODGE For Delivery

GRAY IRON EXPANSION			
SHAFT SIZE INCHES #	PART NUMBER	PART NAME	WEIGHT LBS (APPROX)
1-3/16	023189	P2B-K-103RE	9
1-1/4	023190+	P2B-K-104RE	9
1-7/16	023192	P2B-K-107RE	11
1-1/2	023193	P2B-K-108RE	15
1-5/8	023194+	P2B-K-110RE	14
1-11/16	023195	P2B-K-111RE	14
1-3/4	023196+	P2B-K-112RE	20
1-15/16	023197	P2B-K-115RE	19
2	023198	P2B-K-200RE	19
2-3/16	023199	P2B-K-203RE	24
2-1/4	023200	P2B-K-204RE	28
2-7/16	023201	P2B-K-207RE	28
2-1/2	023200	P2B-K-208RE	28
2-11/16	023203	P2B-K-211RE	40
2-3/4	023204+	P2B-K-212RE	40
2-15/16	023205	P2B-K-215RE	39
3	023206	P2B-K-300RE	39
3-7/16	023208	P2B-K-307RE	67
3-1/2	023209+	P2B-K-308RE	66
3-15/16 ▲	023210	P4B-K-315RE	106

Consult DODGE For Sizes Not Listed

+ Non-stock -- Consult DODGE For Delivery

SHAFT SIZE INCHES	A	B	C	D		F BOL TDIA	G	H	J	L	M	P	R	S	EXP*
				MIN.	MAX.										
1-3/16	2-9/32	7-1/2	1-7/8	6	6-3/8	3/8	11/16	1	4-17/32	2-1/4	2-1/8	5	1	1-3/8	3/32
1-1/4															
1-3/8	2-35/64	8	2-3/16	6-1/4	6-5/8	1/2	3/4	1-1/4	5-15/64	2-3/4	2-3/8	5-33/64	1-1/32	1-1/2	3/32
1-7/16															
1-1/2															
1-5/8	2-53/64	9	2-3/8	6-7/8	7-5/8	1/2	1	1-3/8	5-3/4	3-3/16	2-5/8	5-13/16	1-9/16	1-11/16	3/32
1-11/16															
1-3/4															
1-15/16	2-61/64	10	2-17/32	7-3/8	8-7/16	5/8	1-19/64	1-1/2	6-17/64	3-7/16	2-7/8	6-23/64	1-13/64	1-3/4	9/32
2															
2-3/16	3-5/32	11	2-21/32	8-1/16	9-1/4	5/8	1-21/64	1-1/2	6-33/64	3-3/4	3	6-61/64	1-1/4	1-7/8	9/32
2-1/4															
2-7/16	3-11/32	12	2-13/16	9-1/4	10-1/4	5/8	1-17/64	1-3/4	7-1/32	4-1/16	3-1/4	7-3/8	1-5/16	2	9/32
2-1/2															
2-11/16															
2-3/4	3-25/32	13-7/16	2-15/16	9-7/8	11-1/2	3/4	1-11/16	2	7-59/64	4-23/32	3-3/4	8-5/16	1-7/16	2-1/4	9/32
2-15/16															
3															
3-3/16															
3-7/16	4-17/64	16	3-7/16	12-13/16	13-13/16	7/8	1-1/2	2-1/4	9-27/64	5-1/2	4-1/2	10-3/32	1-11/16	2-1/2	9/32
3-1/2															
3-15/16▲	5-13/32	17-7/16	4-3/4	13-1/8	14-3/4	3/4	1-45/64	2-3/4	10-27/64	6	5	10-45/64	2-1/8	3-1/8	11/32

*Exp-Total Expansion Divided Equally On Both Sides Of Bearing (Expansion Bearings Only)

▲ 4 Bolt Base (See Page For Bolts Spacing)

Dowel Hole Locations For Precision Positioning - See Page -

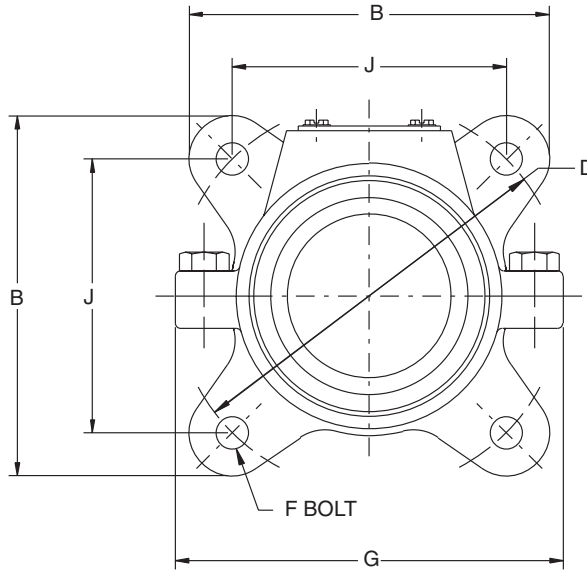
NOTE: All sizes use a 1/8-27 NPT hydraulic grease fitting

FEATURES/BENEFITS PAGE B6-3	SPECIFICATION PAGE B6-8	NOMENCLATURE PAGE B6-10	SELECTION PAGE B6-11
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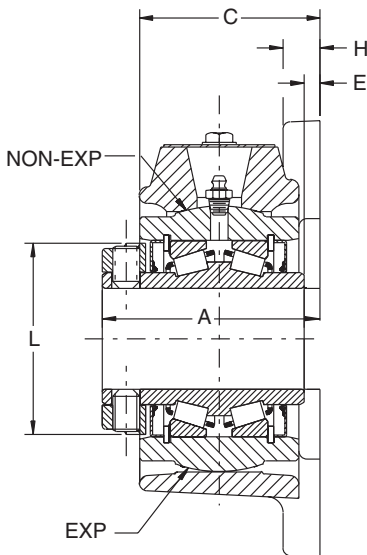
SELECTION/DIMENSIONS

DODGE®

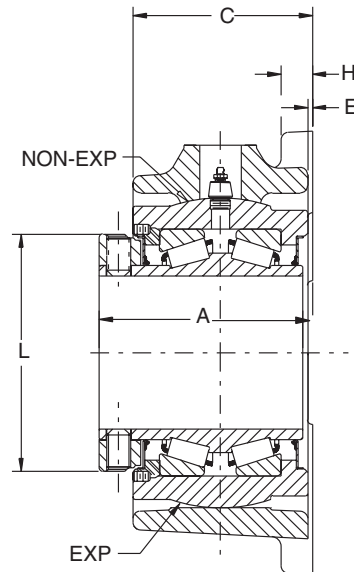

Type K Flange Bearing - Inch



NOTE: All sizes use a 1/8 - 27 NPT hydraulic grease fitting



1-3/16" THRU 3" INTERNAL
CONSTRUCTION



3-3/16" THRU 3-15/16" INTERNAL
CONSTRUCTION

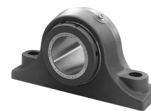
FEATURES/BENEFITS
PAGE B6-3

SPECIFICATION
PAGE B6-8

NOMENCLATURE
PAGE B6-10

SELECTION
PAGE B6-11

SELECTION/DIMENSIONS



Type K Flange Bearing - Inch

DUCTILE IRON - NON-EXPANSION*			
SHAFT SIZE INCHES #	PART NUMBER	PART NAME	WEIGHT LBS (APPROX)
1-1/4	023212+	F4B-K-104R	6
1-7/16	023214	F4B-K-107R	7
1-1/2	023215	F4B-K-108R	12
1-15/16	023219	F4B-K-115R	14
2	023220	F4B-K-200R	14
2-3/16	023221	F4B-K-203R	17
2-7/16	023223	F4B-K-207R	20
2-1/2	023224	F4B-K-208R	20
2-15/16	023227	F4B-K-215R	24
3	023228+	F4B-K-300R	24
3-7/16	023230	F4B-K-307R	45
3-15/16	023232	F4B-K-315R	72

* Furnished Unless Otherwise Specified

Consult DODGE For Sizes Not Listed.

+ Non-stock -- Consult DODGE For Delivery

DUCTILE IRON - EXPANSION			
SHAFT SIZE INCHES #	PART NUMBER	PART NAME	WEIGHT LBS (APPROX)
1-1/4	023234+	F4B-K-104RE	6
1-7/16	023236	F4B-K-107RE	7
1-1/2	023237	F4B-K-108RE	12
1-15/16	023241	F4B-K-115RE	14
2	023242	F4B-K-200RE	14
2-3/16	023243	F4B-K-203RE	17
2-7/16	023245	F4B-K-207RE	20
2-1/2	023246+	F4B-K-208RE	20
2-15/16	023249	F4B-K-215RE	24
3	023250+	F4B-K-300RE	24
3-7/16	023252	F4B-K-307RE	45
3-15/16	023254	F4B-K-315RE	72

Consult DODGE For Sizes Not Listed.

+ Non-stock -- Consult DODGE For Delivery

SHAFT SIZE INCHES	A	B	C	D	E	F Bolt Dia.	G	H	J	L	EXP*
1-3/16 1-1/4	2-9/16	5-3/16	2-1/8	5-21/32	3/16	3/8	5-1/4	7/16	4	2-1/4	9/32
1-3/8 1-7/16	2-11/16	5-3/4	2-1/8	6-1/4	5/32	1/2	5-3/4	1/2	4-27/64	2-3/4	3/16
1-1/2 1-5/8 1-11/16	3	6-1/8	2-7/16	6-3/4	5/32	1/2	6-3/4	1/2	4-25/32	3-3/16	3/16
1-3/4 1-15/16 2	3-1/8	6-7/8	2-9/16	7-1/2	5/32	5/8	7-1/4	9/16	5-5/16	3-7/16	3/16
2-3/16 2-1/4 2-7/16 2-1/2	3-5/16	7-3/16	2-23/32	8	5/32	5/8	7-13/16	9/16	5-21/32	3-3/4	3/16
2-11/16 2-3/4 2-15/16 3	4	8-7/8	3-11/32	9-3/4	1/4	3/4	9-1/2	11/16	6-57/64	4-23/32	5/16
3-3/16 3-7/16 3-1/2	4-1/2	10-1/4	3-23/32	11-1/2	1/4	7/8	11-3/8	3/4	8-1/8	5-1/2	5/16
3-15/16	5-1/2	11-7/16	4-5/8	13	1/8	1	12-7/8	13/16	9-3/16	6	5/16

* ExpTotal Expansion Divided Equally On Both Sides Of Bearing (Expansion Bearings Only)

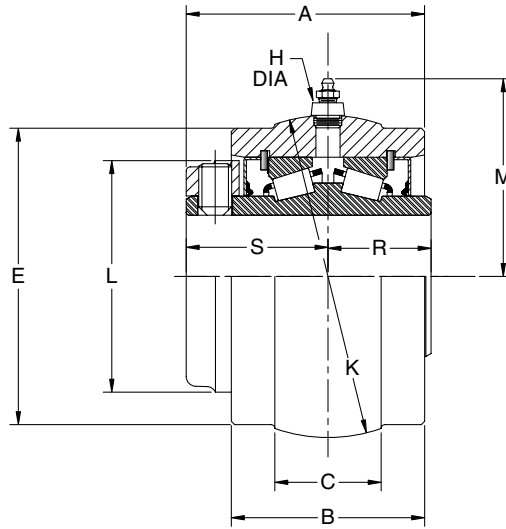
NOTE: All sizes use a 1/8-27 NPT hydraulic grease fitting

FEATURES/BENEFITS PAGE B6-3	SPECIFICATION PAGE B6-8	NOMENCLATURE PAGE B6-10	SELECTION PAGE B6-11
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SELECTION/DIMENSIONS

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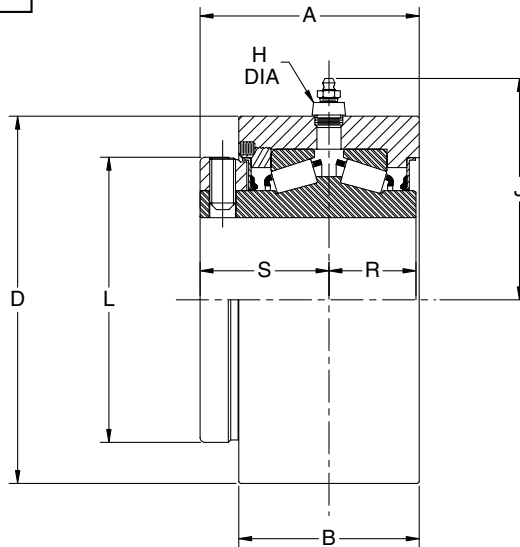

Type K Units - Inch



S-1 UNIT

1-3/16" THRU 3" CONSTRUCTION

NOTE: All sizes use a
1/8 - 27 NPT hydraulic
grease fitting



B-1 UNIT

3-3/16" THRU 3-15/16" CONSTRUCTION

SELECTION/DIMENSIONS



Type K Units - Inch

TYPE S-1 UNITS -- GRAY IRON			
SHAFT SIZE INCHES #	PART NUMBER	PART NAME	WEIGHT LBS (APPROX)
1-3/16	023271	S1U-K-103R	3
1-1/4	023272+	S1U-K-104R	3
1-3/8	023273+	S1U-K-106R	4
1-7/16	023274	S1U-K-107R	4
1-1/2	023275	S1U-K-108R	5
1-5/8	023276+	S1U-K-110R	5
1-11/16	023277	S1U-K-111R	5
1-3/4	023278+	S1U-K-112R	7
1-15/16	023279	S1U-K-115R	7
2	023280	S1U-K-200R	7
2-3/16	023281	S1U-K-203R	9
2-1/4	023282+	S1U-K-204R	11
2-7/16	023283	S1U-K-207R	11
2-1/2	023284+	S1U-K-208R	11
2-11/16	023285+	S1U-K-211R	15
2-3/4	023286+	S1U-K-212R	15
2-15/16	023287	S1U-K-215R	15
3	023288	S1U-K-300R	15
3-3/16	023289+	S1U-K-303R	28
3-7/16	023290	S1U-K-307R	28
3-1/2	023291+	S1U-K-308R	28
3-15/16	023292	S1U-K-315R	40

Consult DODGE For Sizes Not Listed.

+ Non-stock -- Consult DODGE For Delivery

TYPE B-1 UNITS -- GRAY IRON			
SHAFT SIZE INCHES #	PART NUMBER	PART NAME	WEIGHT LBS (APPROX)
1-3/16	-----	B1U-K-103R	3
1-1/4	-----	B1U-K-104R	3
1-3/8	023293+	B1U-K-106R	4
1-7/16	023294+	B1U-K-107R	4
1-1/2	023295+	B1U-K-108R	5
1-5/8	023296+	B1U-K-110R	5
1-11/16	023297+	B1U-K-111R	5
1-3/4	023298+	B1U-K-112R	7
1-15/16	023299+	B1U-K-115R	7
2	023300+	B1U-K-200R	7
2-3/16	023301+	B1U-K-203R	9
2-1/4	023302+	B1U-K-204R	11
2-7/16	023303+	B1U-K-207R	11
2-1/2	023304+	B1U-K-208R	11
2-11/16	023305+	B1U-K-211R	15
2-3/4	023306+	B1U-K-212R	15
2-15/16	023307+	B1U-K-215R	15
3	023308+	B1U-K-300R	15
3-3/16	023309+	B1U-K-303R	28
3-7/16	023310+	B1U-K-307R	28
3-1/2	023311+	B1U-K-308R	28
3-15/16	023312+	B1U-K-315R	40

Consult DODGE For Sizes Not Listed.

+ Non-stock -- Consult DODGE For Delivery

SHAFT SIZE INCHES	A	B	C	D *	E%		H	J	K **	L	M	R	S
					MACHINE SIDE	CAST SIDE							
1-3/16	2-5/16	1-7/8	1-1/32	----	2.813	3-1/8	7/16	----	3.125	2-1/4	2-1/32	1	1-3/8
1-1/4													
1-3/8	2-17/32	2-1/16	1-5/32	3-7/16	3.250	3-5/16	11/16	2-5/8	3.625	2-3/4	2-5/8	1-1/32	1-1/2
1-7/16													
1-1/2	2-27/32	2-5/16	1-3/16	3-15/16	3.750	3-13/16	11/16	2-7/8	4.125	3-3/16	2-13/16	1-5/32	1-11/16
1-5/8													
1-11/16	2-31/32	2-7/16	1-1/2	4-1/4	4.125	4-3/16	11/16	3	4.562	3-7/16	3-1/16	1-13/64	1-3/4
1-3/4													
1-15/16	3-5/32	2-9/16	1-9/16	4-5/8	4.500	4-9/16	11/16	3-1/4	5.000	3-3/4	3-1/4	1-1/4	1-7/8
2													
2-3/16	3-3/8	2-3/4	1-7/16	5	4.812	4-7/8	11/16	3-7/16	5.186	4-1/16	3-3/8	1-5/16	2
2-1/4													
2-7/16	3-3/4	3	1-7/8	5-7/8	5.563	5-5/8	11/16	3-7/8	6.061	4-23/32	3-13/16	1-7/16	2-1/4
2-1/2													
2-11/16	4-1/4	3-1/2	2	7-1/8	6.813	6-7/8	11/16	4-1/2	7.373	5-1/2	4-1/2	1-11/16	2-1/2
2-3/4													
2-15/16	5-3/8	4-1/2	2-3/8	7-7/8	7.438	7-1/2	15/16	5-1/2	7.997	6	5-5/32	2-1/8	3-1/8
3													
3-3/16	5-3/8	4-1/2	2-3/8	7-7/8	7.438	7-1/2	15/16	5-1/2	7.997	6	5-5/32	2-1/8	3-1/8
3-7/16													
3-1/2													
3-15/16													

* +.000 -.002,"

** +.000 -.001 SIZES 1-3/16 THRU 3,"

±.0005, SIZES 3-3/16 THRU 3-15/16,"

ALL DIMENSIONS SHOWN IN INCHES

% Machined side of unit is on collar side only.

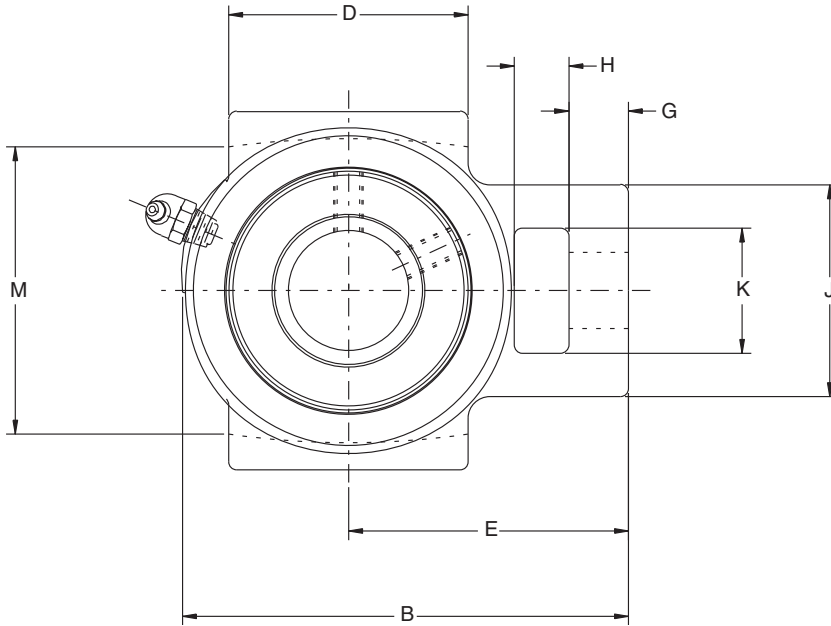
NOTE: All sizes use a 1/8-27 NPT hydraulic grease fitting

FEATURES/BENEFITS PAGE B6-3	SPECIFICATION PAGE B6-8	NOMENCLATURE PAGE B6-10	SELECTION PAGE B6-11
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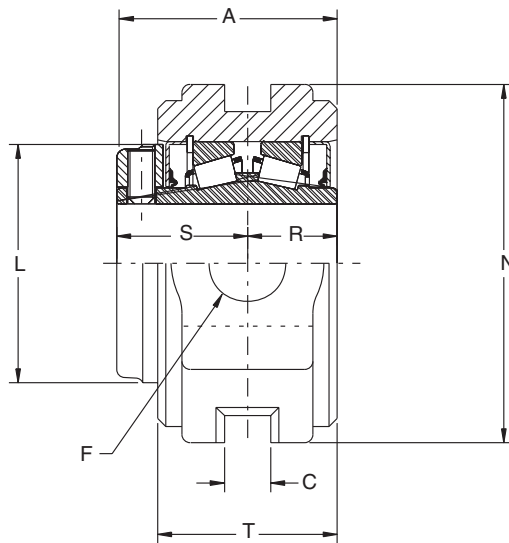
SELECTION/DIMENSIONS



Type K Wide Slot Take-Up Unit - Inch



NOTE: All sizes use a
1/8 - 27 NPT hydraulic
grease fitting



1-3/8" THRU 3" CONSTRUCTION

FEATURES/BENEFITS
PAGE B6-3

SPECIFICATION
PAGE B6-8

NOMENCLATURE
PAGE B6-10

SELECTION
PAGE B6-11

SELECTION/DIMENSIONS



Type K Wide Slot Take-Up Unit - Inch

GRAY IRON				
SHAFT SIZE INCHES #	PART NUMBER	PART NAME	WEIGHT LBS (APPROX)	CP FRAME SIZE
1-7/16	023256+	WSTU-K-107R	8	CP308
1-15/16	023261	WSTU-K-115R	11	CP400
2-3/16	023263	WSTU-K-203R	15	CP408
2-7/16	023265	WSTU-K-207R	20	CP502
2-1/2	023266	WSTU-K-208R	20	
2-15/16	023269	WSTU-K-215R	28	CP515
3	023270	WSTU-K-300R	28	

Consult DODGE For Sizes Not Listed.

+ Non-stock -- Consult DODGE For Delivery

SHAFT SIZE Inches	A	B	C	D	E	F SCREW DIA	G	H	J	K	L	M	N	R	S	T
1-7/16	2-17/32	5-3/32	17/32	2-3/4	3-7/32	3/4	11/16	5/8	2-7/16	1-7/16	2-3/4	3-1/2	4-1/8	1-1/32	1-1/2	2-1/16
1-15/16	2-31/32	6-5/16	11/16	3-3/4	3-15/16	1	15/16	3/4	3-5/16	1-15/16	3-7/16	4	4-3/4	1-13/64	1-3/4	2-7/16
2-3/16	3-5/32	7-1/8	13/16	3-3/4	4-5/8	1-1/8	1	1-1/4	3-7/8	2-1/4	3-3/4	4-1/2	5-1/4	1-1/4	1-7/8	2-9/16
2-7/16	3-3/8	7-13/16	1-1/16	4-1/2	5-1/16	1-1/2	1-1/16	1-1/4	4-1/4	2-1/2	4-1/16	5-1/8	6	1-5/16	2	2-3/4
2-1/2																
2-15/16	3-3/4	9-1/8	1-13/16	4-3/4	5-7/8	1-1/2	1-3/8	1-1/2	4-7/8	2-3/4	4-23/32	5-15/16	6-3/4	1-7/16	2-1/4	3
3																

NOTE: All sizes use a 1/8-27 NPT hydraulic grease fitting

D-LOK

Type E Family

Specialty Tapered

S-2000

UNISPHERE II

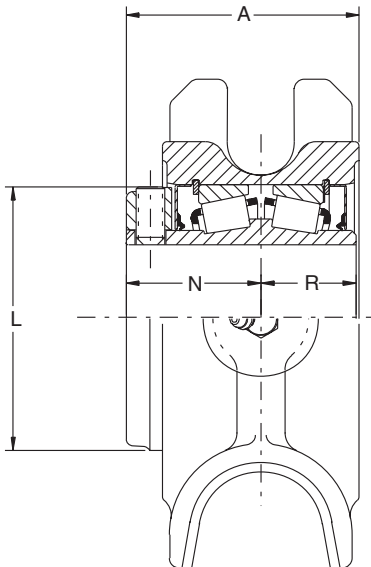
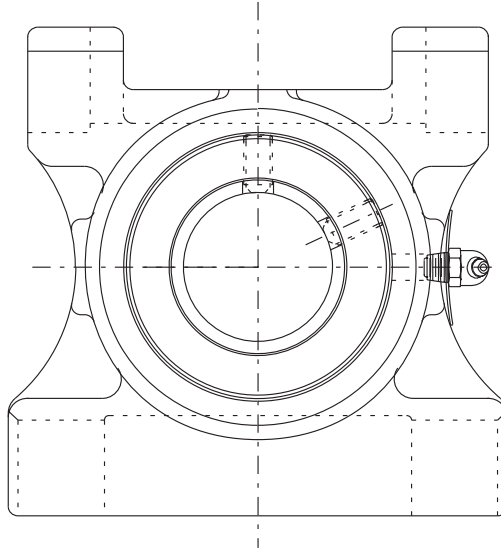
FEATURES/BENEFITS PAGE B6-3	SPECIFICATION PAGE B6-8	NOMENCLATURE PAGE B6-10	SELECTION PAGE B6-11
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SELECTION/DIMENSIONS

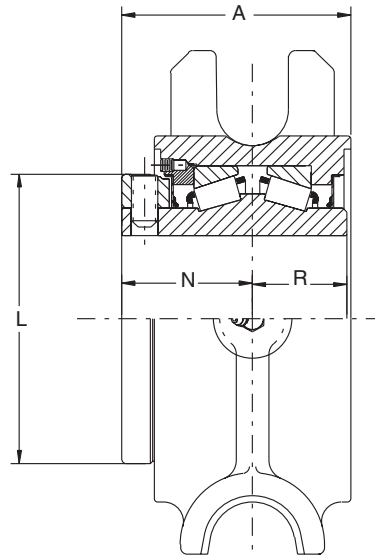
DODGE®


Type K TP Take-Up Bearing - Inch

NOTE: All sizes use a 1/8 - 27 NPT hydraulic grease fitting



1-3/16" THRU 3" INTERNAL
CONSTRUCTION



3-3/16" THRU 3-15/16" INTERNAL
CONSTRUCTION

FEATURES/BENEFITS
PAGE B6-3

SPECIFICATION
PAGE B6-8

NOMENCLATURE
PAGE B6-10

SELECTION
PAGE B6-11

SELECTION/DIMENSIONS



Type K TP Take-Up Bearing - Inch

GRAY IRON			
SHAFT SIZE INCHES #	PART NUMBER	PART NAME	WEIGHT LBS (APPROX)
1-15/16	023314	TP-K-115R	13
2-3/16	023316	TP-K-203R	16
2-7/16	023318	TP-K-207R	20
2-15/16	023322	TP-K-215R	27
3-7/16	023325	TP-K-307R	40
3-15/16	023327	TP-K-315R	59

Consult DODGE For Sizes Not Listed.

+ Non-stock -- Consult DODGE For Delivery

SHAFT SIZE INCHES	FRAME SIZE REF.	A	L	N	R
1-15/16	TP10	3-1/32	3-7/16	1-3/4	1-7/32
2-3/16	TP20	3-3/16	3-3/4	1-7/8	1-1/4
2-7/16	TP30	3-1/2	4-1/16	2	1-5/16
2-15/16	TP40	3-3/4	4-23/32	2-1/4	1-7/16
3-7/16	TP50	4-9/32	5-1/2	2-13/32	1-25/32
3-15/16	TP60	5-1/2	6	3-1/8	2-1/8

NOTE: All sizes use a 1/8-27 NPT hydraulic grease fitting

D-LOK

Type E Family

Specialty Tapered

S-2000

UNISPHERE II

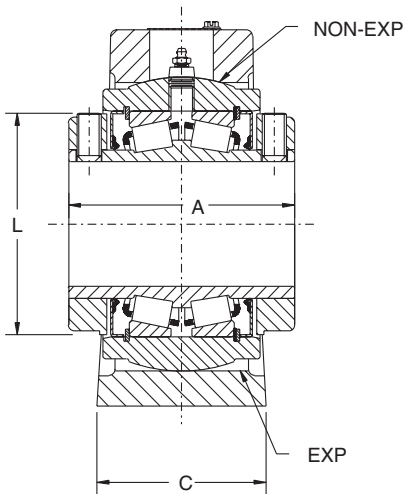
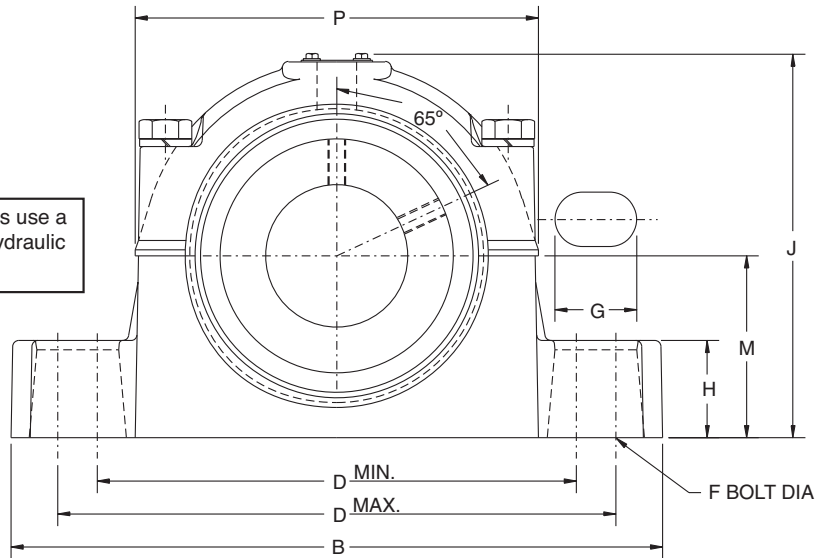
FEATURES/BENEFITS PAGE B6-3	SPECIFICATION PAGE B6-8	NOMENCLATURE PAGE B6-10	SELECTION PAGE B6-11
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SELECTION/DIMENSIONS

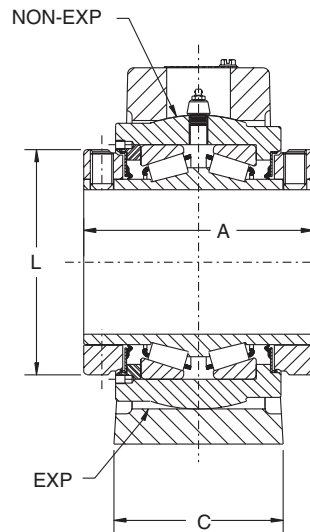
DODGE®


DOUBLE-INTERLOCK Pillow Block - Inch 2-BOLT BASE

NOTE: All sizes use a
1/8 - 27 NPT hydraulic
grease fitting



1-3/16" THRU 3" CONSTRUCTION



3-3/16" THRU 3-1/2" CONSTRUCTION

FEATURES/BENEFITS
PAGE B6-3

SPECIFICATION
PAGE B6-8

NOMENCLATURE
PAGE B6-10

SELECTION
PAGE B6-11

SELECTION/DIMENSIONS



DOUBLE-INTERLOCK Pillow Block - Inch 2-BOLT BASE

GRAY IRON NON-EXPANSION*					
SHAFT SIZE INCHES#	SHAFT SIZE SYMBOL	PILLOW BLOCK ASSY	HOUSING ONLY	BEARING INNER UNIT	PIL. BLK. WT., APRX LBS
1-1/4	104	023329	056130	023508	9
1-3/8	106	023330	056132	023509	11
1-7/16	107	023331	056132	023510	11
1-1/2	108	023332	056134	023511	15
1-5/8	110	023333	056134	023512	15
1-11/16	111	023334	056134	023513	15
1-3/4	112	023335	056136	023514	18
1-15/16	115	023337	056136	023516	17
2	200	023338	056136	023517	17
2-3/16	203	023339	056138	023518	25
2-1/4	204	023340	056140	023519	29
2-7/16	207	023341	056140	023520	26
2-1/2	208	023342	056140	023521	26
2-11/16	211	023343	056142	023522	41
2-3/4	212	023344	056142	023523	41
2-15/16	215	023345	056142	023524	40
3	300	023346	056142	023525	40
3-3/16	303	023347	056144	023526	67
3-7/16	307	023349	056144	023528	66
3-1/2	308	023350	056144	023529	66

Description = P2B-DI-207R For 2-7/16" Size

Consult DODGE For Sizes Not Listed.

* Furnished Unless Otherwise Specified

GRAY IRON EXPANSION					
SHAFT SIZE INCHES#	SHAFT SIZE SYMBOL	PILLOW BLOCK ASSY	HOUSING ONLY	BEARING INNER UNIT	PIL. BLK. WT., APRX LBS"
1-1/4	104	023376	056100	023508	9
1-3/8	106	023377	056102	023509	11
1-7/16	107	023378	056102	023510	11
1-1/2	108	023379	056104	023511	15
1-5/8	110	023380	056104	023512	15
1-11/16	111	023381	056104	023513	15
1-3/4	112	023382	056106	023514	18
1-15/16	115	023384	056106	023516	17
2	200	023385	056106	023517	17
2-3/16	203	023386	056108	023518	22
2-1/4	204	023387	056110	023519	29
2-7/16	207	023388	056110	023520	26
2-1/2	208	023389	056110	023521	26
2-11/16	211	023390	056112	023522	42
2-3/4	212	023391	056112	023523	42
2-15/16	215	023392	056112	023524	41
3	300	023393	056112	023525	41
3-3/16	303	023394	056114	023526	69
3-7/16	307	023396	056114	023528	68
3-1/2	308	023397	056114	023529	68

Description = P2B-DI-207RE For 2-7/16" Size

Consult DODGE For Sizes Not Listed.

SHAFT SIZE INCHES	A	B	C	D		F BOLT DIA.	G	H	J	L	M	P	EXP*
				MIN.	MAX.								
1-1/4	2-3/4	7-1/2	1-7/8	6	6-3/8	3/8	43/64	1	4-17/32	2-1/4	2-1/8	5	3/32
1-3/8	3	8	2-3/16	6-1/4	6-5/8	1/2	3/4	1-1/4	5-15/64	2-3/4	2-3/8	5-33/64	3/32
1-7/16													
1-1/2	3-3/8	9	2-3/8	6-7/8	7-5/8	1/2	1	1-3/8	5-3/4	3-3/16	2-5/8	5-13/16	3/32
1-5/8													
1-11/16													
1-3/4	3-1/2	10	2-17/32	7-3/8	8-7/16	5/8	1-19/64	1-1/2	6-17/64	3-7/16	2-7/8	6-23/64	9/32
1-15/16													
2													
2-3/16	3-3/4	11	2-21/32	8-1/16	9-1/4	5/8	1-21/64	1-1/2	6-33/64	3-3/4	3	6-31/32	9/32
2-1/4													
2-7/16	4	12	2-13/16	9-17/64	10-1/4	5/8	1-17/64	1-3/4	7-1/32	4-1/16	3-1/4	7-3/8	9/32
2-1/2													
2-11/16													
2-3/4	4-1/2	13-7/16	2-15/16	9-7/8	11-1/2	3/4	1-11/16	2	7-59/64	4-23/32	3-3/4	8-5/16	9/32
2-15/16													
3													
3-3/16	5	16	3-7/16	12-13/16	13-13/16	7/8	1-1/2	2-1/4	9-27/64	5-1/2	4-1/2	10-3/32	9/32
3-7/16													
3-1/2													

* EXP - Total Expansion Divided Equally On Both Sides Of Bearing (Expansion Bearings Only)

Dowel Hole Locations For Precision Positioning - See Page -

NOTE: All sizes use a 1/8-27 NPT hydraulic grease fitting

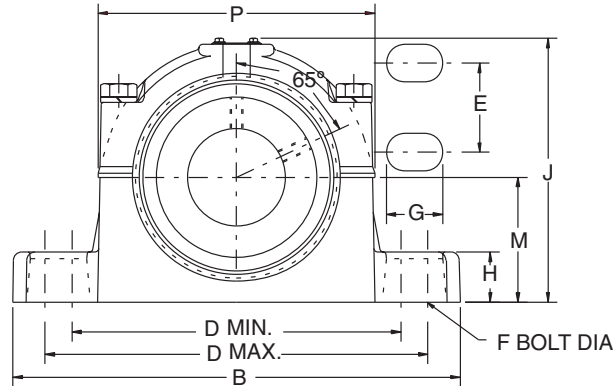
FEATURES/BENEFITS PAGE B6-3	SPECIFICATION PAGE B6-8	NOMENCLATURE PAGE B6-10	SELECTION PAGE B6-11
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SELECTION/DIMENSIONS

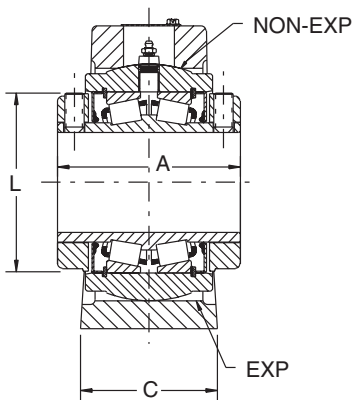


DOUBLE-INTERLOCK Pillow Block - Inch 4-BOLT BASE

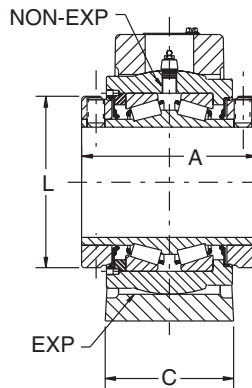
NOTE: All sizes use a
1/8 - 27 NPT hydraulic
grease fitting



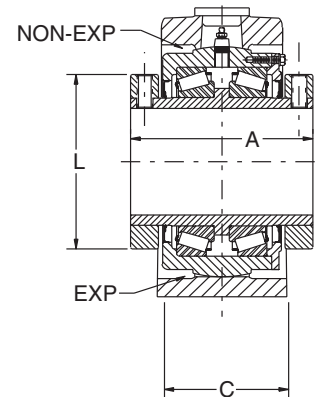
2-7/16" THRU 5"
CONSTRUCTION



2-7/16" THRU 3"
CONSTRUCTION



3-7/16" THRU 5"
CONSTRUCTION



5-7/16" THRU 5-15/16"
CONSTRUCTION

SELECTION/DIMENSIONS



DOUBLE-INTERLOCK Pillow Block - Inch 4-BOLT BASE

GRAY IRON NON EXPANSION*					
SHAFT SIZE INCHES#	SHAFT SIZE SYMBOL	PILLOW BLOCK ASSY	HOUSING ONLY	BEARING INNER UNIT	PIL. BLK. WT., APRX LBS
2-7/16	207	023352	060745	023520	28
2-1/2	208	023353	060745	023521	28
2-11/16	211	023354	060747	023522	38
2-15/16	215	023356	060747	023524	38
3	300	023357	060747	023525	38
3-7/16	307	023360	060749	023528	69
3-1/2	308	023361	060749	023529	69
3-15/16	315	023362	060751	023530	109
4	400	023363	060751	023531	109
4-7/16	407	023364	060753	023532	139
4-1/2	408	023365	060753	023533	135
4-15/16	415	023366	060755	023534	183
5	500	023367	060755	023535	181
5-7/16	507	023368	060579	023536	310
5-15/16	515	023369	060579	023537	299

+ Furnished Unless Otherwise Specified

Description = P4B-DI-207R For 2-7/16" Size

Consult DODGE For Sizes Not Listed.

GRAY IRON HOUSING BEARING INNER					
SHAFT SIZE INCHES#	SHAFT SIZE SYMBOL	PILLOW BLOCK ASSY	HOUSING ONLY	BEARING INNER UNIT	PIL. BLK. WT., APRX LBS
2-7/16	207	023399	060746	023520	28
2-1/2	208	023400	060746	023521	28
2-11/16	211	023401	060748	023522	38
2-15/16	215	023403	060748	023524	38
3	300	023404	060748	023525	38
3-7/16	307	023407	060750	023528	69
3-1/2	308	023408	060750	023529	69
3-15/16	315	023409	060752	023530	110
4	400	023410	060752	023531	110
4-7/16	407	023411	060754	023532	139
4-1/2	408	023412	060754	023533	135
4-15/16	415	023413	060756	023534	181
5	500	023414	060756	023535	179
5-7/16	507	023415	060578	023536	310
5-15/16	515	023416	060578	023537	299

+ Furnished Unless Otherwise Specified

Description = P4B-DI-207RE For 2-7/16" Size

Consult DODGE For Sizes Not Listed.

SHAFT SIZE INCHES	A	B	C	D		E	F BOLT DIA	G	H	J	L	M	P	EXP*
				MIN.	MAX									
2-7/16	4	12	3-3/8	9-17/64	10-1/4	1-3/4	1/2	1-1/16	1-3/4	7-1/32	4-1/16	3-1/4	7-3/8	9/32
2-1/2														
2-11/16	4-1/2	13-7/16	3-1/2	9-7/8	11-1/2	1-7/8	5/8	1-9/16	2	7-59/64	4-23/32	3-3/4	8-5/16	9/32
2-15/16														
3	5	16	4	12-13/16	13-13/16	2	3/4	1-29/64	2-1/4	9-27/64	5-1/2	4-1/2	10-3/32	9/32
3-7/16														
3-1/2	6-1/4	17-7/16	4-3/4	13-1/8	14-3/4	2	3/4	1-45/64	2-3/4	10-27/64	6	5	10-45/64	11/32
3-15/16														
4	6-3/4	19	4-5/8	14-3/8	16-1/4	2-1/4	3/4	1-13/16	3	11-37/64	6-29/64	5-3/4	12-29/64	11/32
4-7/16														
4-1/2	7-1/4	20-1/2	5-1/8	15-1/2	18-1/16	2-1/2	7/8	2-9/32	3-1/4	12-53/64	7-29/64	6-1/4	13-23/64	11/32
4-15/16														
5	9	23-11/16	6-1/4	19	20-5/8	3	1	1-15/16	3-1/2	14-19/32	9-3/8	7-1/8	15-1/8	1/2
5-7/16														
5-15/16														

*EXP - Total Expansion Divided Equally On Both Sides Of Bearing (Expansion Bearings Only)

NOTE: All sizes use a 1/8-27 NPT hydraulic grease fitting

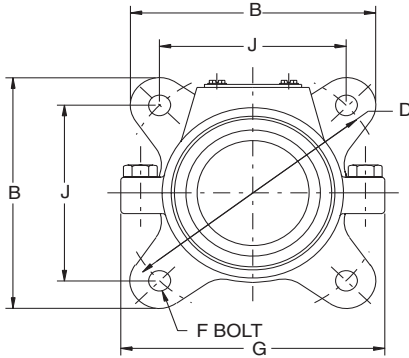
Dowel Hole Locations For Precision Positioning - See Page -

FEATURES/BENEFITS PAGE B6-3	SPECIFICATION PAGE B6-8	NOMENCLATURE PAGE B6-10	SELECTION PAGE B6-11
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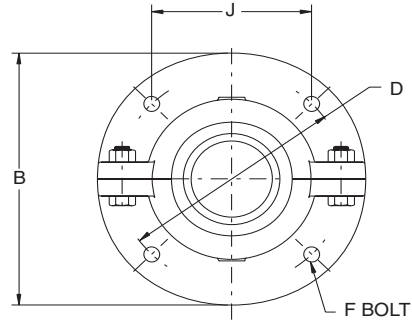
SELECTION/DIMENSIONS



DOUBLE-INTERLOCK Flange Bearing - Inch

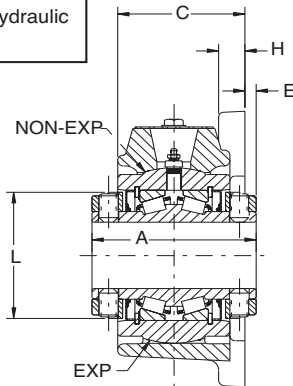


1-3/16" THRU 4" EXTERNAL CONSTRUCTION

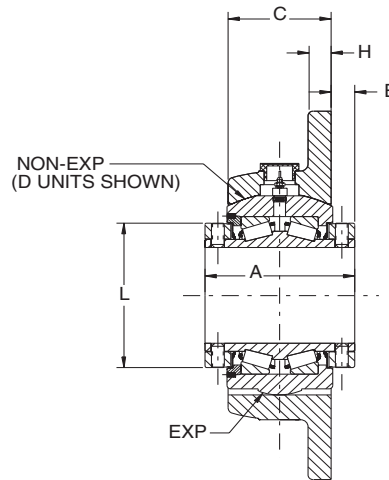


4-7/16" THRU 5" EXTERNAL CONSTRUCTION

NOTE: All sizes use a 1/8 - 27 NPT hydraulic grease fitting



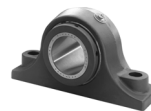
1-3/16" THRU 3" INTERNAL CONSTRUCTION



3-3/16" THRU 5" INTERNAL CONSTRUCTION OF UNIT

* 4-7/16", 4-1/2", 4-15/16" & 5"
NON-EXPANSION HOUSINGS USE THE D UNIT
ALL OTHER HOUSING EXPANSION &
NON-EXPANSION USE THE S1 UNIT

SELECTION/DIMENSIONS



DOUBLE-INTERLOCK Flange Bearing - Inch

DUCTILE IRON NON-EXPANSION*			
SHAFT SIZE INCHES #	PART NUMBER	PART NAME	WEIGHT LBS (APPROX)
1-7/16	023425	F4B-DI-107R	9
1-15/16	023431	F4B-DI-115R	15
2	023432	F4B-DI-200R	15
2-3/16	023433	F4B-DI-203R	19
2-7/16	023435	F4B-DI-207R	22
2-1/2	023436+	F4B-DI-208R	22
2-15/16	023439	F4B-DI-215R	32
3	023440+	F4B-DI-300R	31
3-7/16	023443	F4B-DI-307R	53
3-15/16	023445	F4B-DI-315R	82
4-7/16 ◇	023447+	F4B-DI-407R	158
4-1/2 ◇	023448+	F4B-DI-408R	158
4-15/16 ◇	023449	F4B-DI-415R	220

* Furnished Unless Otherwise Specified

Consult DODGE For Sizes Not Listed.

+ Non-stock -- Consult DODGE For Delivery

◇ 4-7/16" - 5" Housings Are Made Of Cast Iron

DUCTILE IRON EXPANSION			
SHAFT SIZE INCHES #	PART NUMBER	PART NAME	WEIGHT LBS (APPROX)
1-7/16	023454	F4B-DI-107RE	9
1-15/16	023460	F4B-DI-115RE	15
2	023461	F4B-DI-200RE	15
2-3/16	023462	F4B-DI-203RE	19
2-7/16	023464	F4B-DI-207RE	22
2-1/2	023465+	F4B-DI-208RE	22
2-15/16	023468	F4B-DI-215RE	32
3	023469+	F4B-DI-300RE	31
3-7/16	023472	F4B-DI-307RE	53
3-15/16	023474+	F4B-DI-315RE	82
4-7/16 ◇	023476+	F4B-DI-407RE	158
4-1/2 ◇	023477+	F4B-DI-408RE	158
4-15/16 ◇	023478	F4B-DI-415RE	220

Consult DODGE For Sizes Not Listed.

+ Non-stock -- Consult DODGE For Delivery

◇ 4-7/16" - 5" Housings Are Made Of Cast Iron

SHAFT SIZE INCHES	A	B	C	D	E	F Bolt Dia.	G	H	J	L
1-7/16	3	5-3/4	2-1/8	6-1/4	5/16	1/2	5-3/4	1/2	4-27/64	2-3/4
1-15/16	3-1/2	6-7/8	2-9/16	7-1/2	3/8	5/8	7-1/4	9/16	5-5/16	3-7/16
2	3-3/4	7-3/16	2-23/32	8	7/16	5/8	7-13/16	9/16	5-21/32	3-3/4
2-3/16	4	7-5/8	2-15/16	8-1/2	7/16	5/8	8-9/16	5/8	6	4-1/16
2-7/16	4-1/2	8-7/8	3-11/32	9-3/4	1/2	3/4	9-1/2	11/16	6-57/64	4-23/32
2-1/2	5	10-1/4	3-23/32	11-1/2	1/2	7/8	11-3/8	3/4	8-1/8	5-1/2
2-15/16	6-1/4	11-7/16	4-5/8	13	3/4	1	12-7/8	13/16	9-3/16	6
3	6-3/4	17-3/4	4-5/8	15	1-1/16	1	-----	1	10-39/64	6-29/64
3-7/16	7-1/4	19	5	16	1-1/8	1-1/8	-----	1-1/8	11-5/16	7-29/64
3-15/16										
4-7/16										
4-1/2										
4-15/16										

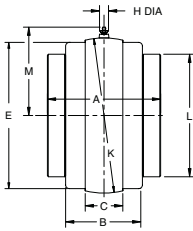
NOTE: All sizes use a 1/8-27 NPT hydraulic grease fitting

FEATURES/BENEFITS PAGE B6-3	SPECIFICATION PAGE B6-8	NOMENCLATURE PAGE B6-10	SELECTION PAGE B6-11
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SELECTION/DIMENSIONS



DOUBLE-INTERLOCK Units - Inch



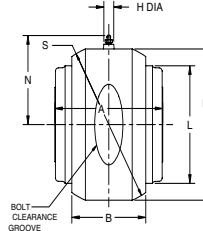
S-1 UNIT

Pillow Block

S-1 units are used in expansion and non-expansion pillow block housings

Flange

S-1 unit is used in expansion flange housings and non-expansion flange housings for 1-3/16 - 4"

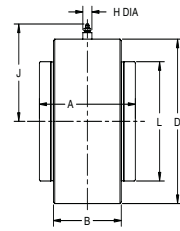


D UNIT

Flange

D units are used in non-expansion flange housings

- 4-7/16 - 5" bore size
- Formerly used in DOUBLE-INTERLOCK non-expansion flange bearing and pillow blocks thru 5 bore size prior to '78



B-1 UNIT

B-1 units can only be used in a customer manufactured housing and are often mounted in machines where bored holes can be provided. B-1 units can be used either as a non-expansion or expansion bearing by providing a suitable means of locating the unit axially. B-1 units will handle slight misalignment requirements. Shaft must be supported by another unit or bearing. For mounting in rotating wheels the Type C
B-1 units is preferred or consult the factory.

SHAFT SIZE INCHES	A	B	C	σ D	E		H	J	K	L	M	N	P	S
					MACH. SIDE	CAST SIDE								
1-3/16 1-1/4	2-3/4	1-7/8	11/32	3	2.813	2-9/32	**	2.42	3.125•	2-1/4	2.03	---	---	---
1-3/8 1-7/6	3	2-1/16	1-5/32	3-7/16	3.250	3-5/16	11/16	2.54	3.625•	2-3/4	2.64	2-7/8	3-5/8	3.844•
1-1/2 1-5/8 1-11/16	3-3/8	2-5/16	1-3/16	3-15/16	3.750	3-13/16	11/16	2.79	4.125•	3-3/16	2.89	3-1/8	4-3/32	4.344•
1-3/4 1-7/8 1-15/16 2	3-1/2	2-7/16	1-1/2	4-1/4	4.125	4-3/16	11/16	2.95	4.562•	3-7/16	3.10	3-1/4	4-7/16	4.656•
2-3/16	3-3/4	2-9/16	1-9/16	45/8	4.500	4-5/8	11/16	3.13	5.000•	3-3/4	3.32	3-7/16	4-23/32	5.000•
2-1/4 2-7/16 2-1/2	4	2-3/4	1-7/16	5	4.812	4-7/8	11/16	3.32	5.186•	4-1/16	3.41	3-37/64	5-5/32	5.437•
2-11/16 2-3/4 2-15/16 3	4-1/2	3	1-7/8	5-7/8	5.563	5-5/8	11/16	3.76	6.061•	4-23/32	3.85	4	5-13/16	6.094•
3-3/16 3-1/4 3-7/16 3-1/2	5	3-1/2	2	7-1/8	6.813	6-7/8	11/16	4.38	7.373#	5-1/2	4.51	4-11/16	7-7/32	7.500^
3-15/16 4	6-1/4	4-1/2	2-3/8	7-7/8	7.438	7-1/2	*	5.48	7.997#	6	5.16	5-1/8	8-1/8	8.375^
4-7/16 4-1/2	6-3/4	4-5/8	2-3/8	8-3/4	8.313	8-3/8	*	5.91	8.872#	6-29/64	5.60	5-1/2	8-7/8	9.125^
4-15/16 5	7-1/4	5-1/8	2-7/8	10-1/8	9.563	9-5/8	*	6.6	10.184#	7-29/64	6.26	6-3/16	10-1/4	10.500^
5-7/16 5-15/16 6	9	6-1/16	2-7/8	---	11.188	11-3/16	15/16	---	11.874	9-3/8	7.10	---	---	---
6-7/16 6-1/2 6-15/16 7	10-1/2	7-1/8	3	---	13.25	13-1/4	15/16	---	14.248	11-3/8	8.29	---	---	---

* 11/16" DIA ON D UNITS; 15/16" ON S-1 UNITS AND 3/4 HEX ON B-1 UNITS

** 11/16" DIA ON B-1 UNITS; 7/16" DIA ON S-1 UNITS

• +.000 TO .001"

±.0005"

σ +.000 TO -.002"

^ +.000 TO -.003"

FEATURES/BENEFITS PAGE B6-3	SPECIFICATION PAGE B6-8	NOMENCLATURE PAGE B6-10	SELECTION PAGE B6-11
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SELECTION/DIMENSIONS



DOUBLE-INTERLOCK Units - Inch

"S-1" UNITS -- GRAY IRON 1-3/16" thru 3"			
SHAFT SIZE INCHES #	PART NUMBER	PART NAME	WEIGHT LBS (APPROX)
1-3/16	023507	S1U-DI-103R	3
1-1/4	023508+	S1U-DI-104R	4
1-3/8	023509+	S1U-DI-106R	5
1-7/16	023510	S1U-DI-107R	5
1-1/2	023511+	S1U-DI-108R	7
1-5/8	023512	S1U-DI-110R	7
1-11/16	023513	S1U-DI-111R	7
1-3/4	023514	S1U-DI-112R	8
1-7/8	023515+	S1U-DI-114R	8
1-15/16	023516	S1U-DI-115R	8
2	023517	S1U-DI-200R	8
2-3/16	023518	S1U-DI-203R	10
2-1/4	023519+	S1U-DI-204R	12
2-7/16	023520	S1U-DI-207R	11
2-1/2	023521	S1U-DI-208R	11
2-11/16	023522	S1U-DI-211R	18
2-3/4	023523+	S1U-DI-212R	17
2-15/16	023524	S1U-DI-215R	17
3	023525	S1U-DI-300R	17

Consult DODGE For Sizes Not Listed.

+ Non-stock -- Consult DODGE For Delivery

"D" UNITS -- GRAY IRON			
SHAFT SIZE INCHES #	PART NUMBER	PART NAME	WEIGHT LBS (APPROX)
1-3/16	-----	DU-DI-103R	-----
1-1/4	-----	DU-DI-104R	-----
1-3/8	023480+	DU-DI-106R	5
1-7/16	023481	DU-DI-107R	5
1-1/2	023482	DU-DI-108R	8
1-5/8	023483+	DU-DI-110R	7
1-11/16	023484	DU-DI-111R	7
1-3/4	023485	DU-DI-112R	8
1-7/8	023486+	DU-DI-114R	8
1-15/16	023487	DU-DI-115R	8
2	023488	DU-DI-200R	8
2-3/16	023489	DU-DI-203R	9
2-1/4	023490+	DU-DI-204R	12
2-7/16	023491	DU-DI-207R	12
2-1/2	023492	DU-DI-208R	12
2-11/16	023493	DU-DI-211R	18
2-3/4	023494	DU-DI-212R	17
2-15/16	023495	DU-DI-215R	16
3	023496	DU-DI-300R	16
3-3/16	023497	DU-DI-303R	32
3-1/4	023498+	DU-DI-304R	31
3-7/16	023499	DU-DI-307R	30
3-1/2	023500	DU-DI-308R	29
3-15/16	023501	DU-DI-315R	46
4	023502	DU-DI-400R	43
4-7/16	023503	DU-DI-407R	57
4 1/2	023504+	DU-DI-408R	64
4-15/16	023505	DU-DI-415R	85
5	023506+	DU-DI-500R	85

Consult DODGE For Sizes Not Listed.

+ Non-stock -- Consult DODGE For Delivery

"S-1" UNITS -- GRAY IRON 3-3/16" thru 7"			
SHAFT SIZE INCHES #	PART NUMBER	PART NAME	WEIGHT LBS (APPROX)
3-3/16	023526	S1U-DI-303R	34
3-1/4	023527+	S1U-DI-304R	31
3-7/16	023528	S1U-DI-307R	31
3-1/2	023529+	S1U-DI-308R	31
3-15/16	023530	S1U-DI-315R	43
4	023531	S1U-DI-400R	43
4-7/16	023532	S1U-DI-407R	57
4 1/2	023533+	S1U-DI-408R	64
4-15/16	023534	S1U-DI-415R	82
5	023535+	S1U-DI-500R	82
5-7/16	023536	S1U-DI-507R	159
5-15/16	023537	S1U-DI-515R	135
6	023538	S1U-DI-600R	128
6-7/16	023539	S1U-DI-607R	187
6-1/2	023540	S1U-DI-608R	182
6-15/16	023541	S1U-DI-615R	180
7	023542	S1U-DI-700R	178

Consult DODGE For Sizes Not Listed.

+ Non-stock -- Consult DODGE For Delivery

"B-1" UNITS -- GRAY IRON			
SHAFT SIZE INCHES #	PART NUMBER	PART NAME	WEIGHT LBS (APPROX)
1-3/16	023543	BIU-DI-103R	3
1-3/8	023545	BIU-DI-106R	5
1-7/16	023546	BIU-DI-107R	5
1-1/2	023547	BIU-DI-108R	6
1-5/8	023548+	BIU-DI-110R	6
1-3/4	023550	BIU-DI-112R	8
1-15/16	023552	BIU-DI-115R	8
2	023553	BIU-DI-200R	7
2-3/16	023554	BIU-DI-203R	9
2-7/16	023556	BIU-DI-207R	12
2-1/2	023557	BIU-DI-208R	11
2-11/16	023558+	BIU-DI-211R	17
2-3/4	023559+	BIU-DI-212R	17
2-15/16	023560	BIU-DI-215R	17
3	023561	BIU-DI-300R	17
3-7/16	023564	BIU-DI-307R	30
3-1/2	023565	BIU-DI-308R	30
3-15/16	023566	BIU-DI-315R	45
4	023567	BIU-DI-400R	44
4-7/16	023568	BIU-DI-407R	58
4 1/2	023569	BIU-DI-408R	64
4-15/16	023570	BIU-DI-415R	87
5	023571	BIU-DI-500R	86

Consult DODGE For Sizes Not Listed.

+ Non-stock -- Consult DODGE For Delivery

NOTE: All sizes use a 1/8-27 NPT hydraulic grease fitting

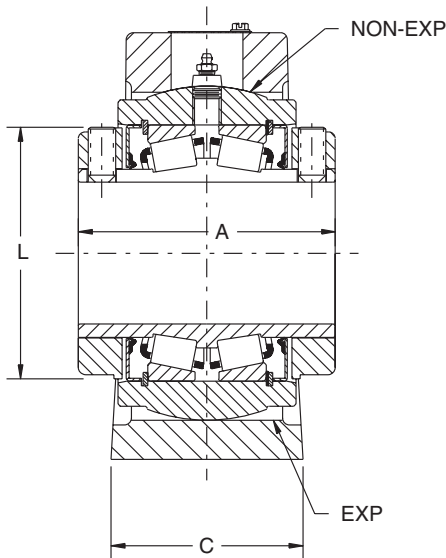
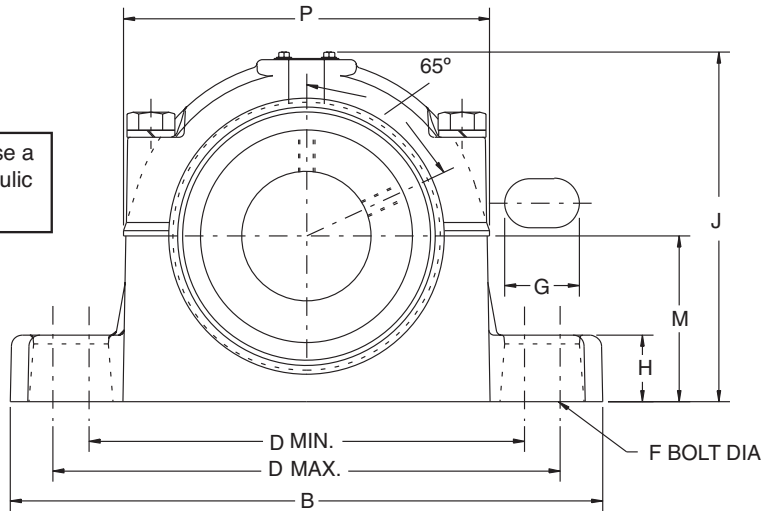
FEATURES/BENEFITS PAGE B6-3	SPECIFICATION PAGE B6-8	NOMENCLATURE PAGE B6-10	SELECTION PAGE B6-11
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SELECTION/DIMENSIONS

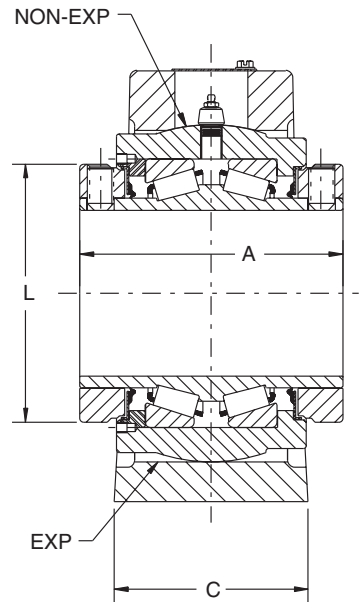
DODGE®


TAF Pillow Block - Inch 2-BOLT BASE

NOTE: All sizes use a
1/8 - 27 NPT hydraulic
grease fitting



1-7/16" THRU 3" CONSTRUCTION



3-7/16" THRU 3-1/2" CONSTRUCTION

FEATURES/BENEFITS
PAGE B6-3

SPECIFICATION
PAGE B6-8

NOMENCLATURE
PAGE B6-10

SELECTION
PAGE B6-11

SELECTION/DIMENSIONS



TAF Pillow Block - Inch 2-BOLT BASE

GRAY IRON NON-EXPANSION +						
SHAFT SIZE INCHES #	SHAFT SIZE SYMBOL	SAF HOUSING NUMBER	PILLOW BLOCK ASSY	HOUSING ONLY	BEARING INNER UNIT	PIL. BLK.WT. APRX LBS
1-7/16	107	509	037580	037540	037632	12
1-11/16	111	510	037581	037541	037633	15
1-15/16	115	511	037582	037542	037634	17
2-3/16	203	513	037583	037543	037635	25
2-7/16	207	515	037584	037544	037636	30
2-1/2	208		037585	037544	037637	30
2-11/16	211	516	037586	037545	037638	38
2-3/4	212		037587	037545	037639	38
2-15/16	215	517	037588	037546	037640	45
3	300		037589	037546	037641	44
3-7/16	307	520	037590	037547	037642	71
3-1/2	308		037591	037547	037643	70

+ Furnished Unless Otherwise Specified.

Description = P2B-TAF-207RE FOR 2-7/16" Size

Consult DODGE For Sizes Not Shown

GRAY IRON EXPANSION						
SHAFT SIZE INCHES #	SHAFT SIZE SYMBOL	SAF HOUSING NUMBER	PILLOW BLOCK ASSY	HOUSING ONLY	BEARING INNER UNIT	PIL. BLK.WT. APRX LBS
1-7/16	107	509	037592	037555	037632	12
1-11/16	111	510	037593	037556	037633	15
1-15/16	115	511	037594	037557	037634	17
2-3/16	203	513	037595	037558	037635	25
2-7/16	207	515	037596	037559	037636	30
2-1/2	208		037597	037559	037637	30
2-11/16	211	516	037598	037560	037638	38
2-3/4	212		037599	037560	037639	38
2-15/16	215	517	037600	037561	037640	45
3	300		037601	037561	037641	44
3-7/16	307	520	037602	037562	037642	71
3-1/2	308		037603	037562	037643	70

Description = P2B-TAF-207RE FOR 2-7/16" Size

Consult DODGE For Sizes Not Shown

SHAFT SIZE INCHES	SAF SERIES	A	B	C	D		F BOLT DIA	G	H	J	L	M	P	EXP*
					MIN.	MAX.								
1-7/16	509	3	8-1/4	2-3/16	6-1/4	7	1/2	15/16	7/8	5-7/64	2-3/4	2-1/4	5-33/64	3/32
1-11/16	510	3-3/8	8-1/4	2-3/8	6-1/2	7	1/2	7/8	1-1/32	5-5/8	3-3/16	2-1/2	5-13/16	3/32
1-15/16	511	3-1/2	9-5/8	2-3/4	7-3/8	8-1/4	5/8	1-13/64	1-1/32	6-9/64	3-7/16	2-3/4	6-23/64	9/32
2-3/16	513	3-3/4	11	3-1/4	8-21/32	9-1/2	5/8	1-7/16	1-1/32	6-33/64	3-3/4	3	6-61/64	9/32
2-7/16	515	4	11-1/8	3-1/8	8-5/8	9-5/8	5/8	1-17/64	1-1/4	7-1/32	4-1/16	3-1/4	7-3/8	9/32
2-1/2														
2-11/16	516	4-1/2	12-19/32	3-1/2	9-7/8	11	3/4	1-7/16	1	7-43/64	4-23/32	3-1/2	8-5/16	9/32
2-3/4														
2-15/16	517	4-1/2	12-19/32	3-1/2	9-7/8	11	3/4	1-7/16	1-1/4	7-59/64	4-23/32	3-3/4	8-5/16	9/32
3														
3-7/16	520	5	15-3/8	4-11/32	11-13/16	13-1/8	7/8	1-21/32	1-21/32	9-27/64	5-1/2	4-1/2	10-3/32	9/32
3-1/2														

*EXP Total Expansion Divided Equally On Both Sides Of Bearing (Expansion Bearing Only).

NOTE: All sizes use a 1/8-27 NPT hydraulic grease fitting

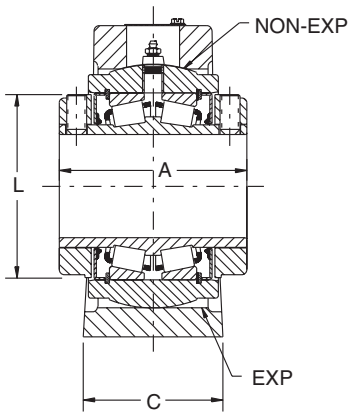
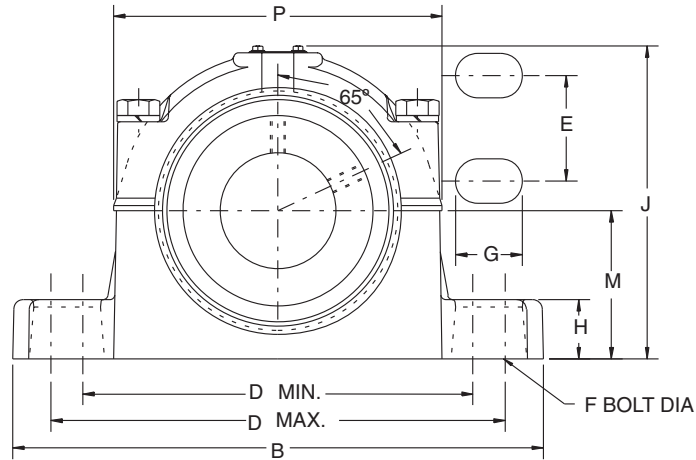
FEATURES/BENEFITS PAGE B6-3	SPECIFICATION PAGE B6-8	NOMENCLATURE PAGE B6-10	SELECTION PAGE B6-11
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SELECTION/DIMENSIONS

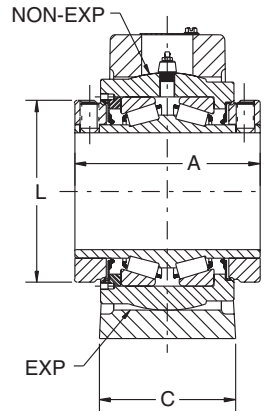
DODGE®


TAF Pillow Block - Inch 4-BOLT BASE

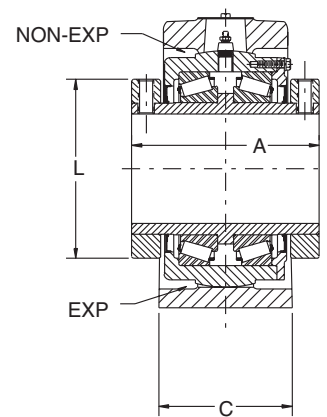
NOTE: All sizes use a
1/8 - 27 NPT hydraulic
grease fitting



2-7/16" THRU 3"
CONSTRUCTION



3-7/16" THRU 5"
CONSTRUCTION



5-7/16" THRU 7"
CONSTRUCTION

SELECTION/DIMENSIONS



TAF Pillow Block - Inch 4-BOLT BASE

GRAY IRON NON-EXPANSION +						
SHAFT SIZE INCHES #	SHAFT SIZE SYMBOL	SAF HOUSING NUMBER	PILLOW BLOCK ASSY	HOUSING ONLY	BEARING INNER UNIT	PIL. BLK. WT. APRX LBS
2-7/16	207	515	037604	037548	037636	30
2-1/2	208	515	037605	037548	037637	30
2-11/16	211	516	037606	037549	037638	38
2-3/4	212	516	037607	037549	037639	38
2-15/16	215	517	037608	037550	037640	45
3	300	517	037609	037550	037641	44
3-7/16	307	520	037610	037551	037642	71
3-1/2	308	520	037611	037551	037643	70
3-15/16	315	522	037612	037552	037644	110
4	400	522	037613	037552	037645	110
4-7/16	407	526	037614	037553	037646	140
4-1/2	408	526	037615	037553	037647	140
4-15/16	415	528	037616	037554	037648	180
5	500	528	037617	037554	037649	180
5-7/16	507	532	023584	042628	023610	300
5-15/16	515	534	023585	042630	023611	300
6	600	534	023586	042630	023612	300
6-7/16	607	536	023587	042632	023613	510
6-1/2	608	536	023588	042632	023614	510
6-15/16	615	538	023589	042634	023615	520
7	700	538	023590	042634	023616	520

Description = P4B-TAF-207R FOR 2-7/16" Size Pillow Block
+ Furnished Unless Otherwise Specified
Consult DODGE For Sizes Not Shown

GRAY IRON EXPANSION						
SHAFT SIZE INCHES #	SHAFT SIZE SYMBOL	SAF HOUSING NUMBER	PILLOW BLOCK ASSY	HOUSING ONLY	BEARING INNER UNIT	PIL. BLK. WT. APRX LBS
2-7/16	207	515	037618	037563	037636	30
2-1/2	208	515	037619	037563	037637	30
2-11/16	211	516	037620	037564	037638	38
2-3/4	212	516	037621	037564	037639	38
2-15/16	215	517	037622	037565	037640	45
3	300	517	037623	037565	037641	44
3-7/16	307	520	037624	037566	037642	71
3-1/2	308	520	037625	037566	037643	70
3-15/16	315	522	037626	037567	037644	110
4	400	522	037627	037567	037645	110
4-7/16	407	526	037628	037568	037646	140
4-1/2	408	526	037629	037568	037647	140
4-15/16	415	528	037630	037569	037648	180
5	500	528	037631	037569	037649	180
5-7/16	507	532	023603*	042627*	023610	300
5-15/16	515	534	023604*	042629*	023611	300
6	600	534	023605*	042629*	023612	300
6-7/16	607	536	023606*	042631*	023613	510
6-1/2	608	536	023607*	042631*	023614	510
6-15/16	615	538	023608*	042633*	023615	520
7	700	538	023609*	042633*	023616	520

Description = P4B-TAF-207R FOR 2-7/16" Size Pillow Block
+ Furnished Unless Otherwise Specified
Consult DODGE For Sizes Not Shown

SHAFT SIZE	SAF SERIES	A	B	C	D		E	F BOLT DIA	G	H	J	L	M	P	EXP*
					MIN.	MAX.									
2-7/16	515	4	11-1/8	3-1/8	8-5/8	9-5/8	1-7/8	1/2	1-1/8	1-1/4	7-1/32	4-1/16	3-1/4	7-3/8	9/32
2-1/2															
2-11/16	516	4-1/2	12-19/32	3-1/2	9-7/8	11	2-1/8	5/8	1-21/64	1	7-43/64	4-23/32	3-1/2	8-5/16	9/32
2-3/4															
2-15/16	517	4-1/2	12-19/32	3-1/2	9-7/8	11	2-1/8	5/8	1-21/64	1-1/4	7-59/64	4-23/32	3-3/4	8-5/16	9/32
3															
3-7/16	520	5	15-3/8	4-11/32	11-5/8	13-1/8	2-3/8	3/4	1-5/8	1-21/32	9-27/64	5-1/2	4-1/2	10-3/32	9/32
3-1/2															
3-15/16	522	6-1/4	16-1/2	4-3/4	12-19/32	14-1/2	2-3/4	3/4	1-53/64	1-25/32	10-23/64	6	4-15/16	10-45/64	11/32
4															
4-7/16	526	6-3/4	18-3/8	5-1/8	14-1/2	16	3-1/4	7/8	1-3/4	2-1/16	11-53/64	6-29/64	6	12-29/64	11/32
4-1/2															
4-15/16	528	7-1/4	19-45/64	5-7/8	15-5/8	17-3/8	3-3/8	1	2	2-1/16	12-37/64	7-29/64	6	13-23/64	11/32
5															
5-7/16	532	9	21- 21/32	6-1/4	17-5/8	19-1/4	3-3/4	1	1-59/64	2-11/32	14	9-3/8	6-11/16	15-1/8	13/32
5-15/16															
6	534	9	24-3/4	6-3/4	19	21-5/8	4-1/4	1	2-7/16	2-7/8	14-3/8	9-3/8	7-1/16	15-1/8	13/32
6-7/16															
6-1/2	536	10-1/2	26-3/4	7-1/8	21	23-5/8	4-5/8	1	2-7/16	3	16-3/16	11-3/8	7-1/2	18-5/16	13/32
6-15/16															
7	538	10-1/2	28	7-1/2	21-5/8	24-3/8	4-1/2	1-1/4	2-3/4	3-1/8	16-9/16	11-3/8	7-7/8	18-5/16	13/32

*EXP - Total Expansion Divided Equally On Both Sides Of Bearing (Expansion Bearings Only)

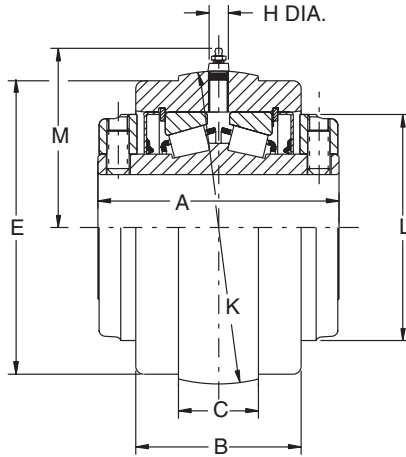
NOTE: All sizes use a 1/8-27 NPT hydraulic grease fitting

FEATURES/BENEFITS PAGE B6-3	SPECIFICATION PAGE B6-8	NOMENCLATURE PAGE B6-10	SELECTION PAGE B6-11
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SELECTION/DIMENSIONS

DODGE®


TAF Units - Inch

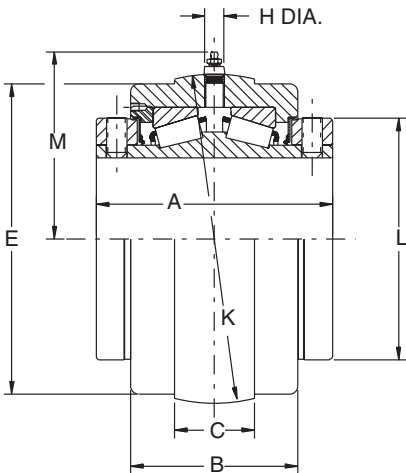


NOTE: All sizes use a 1/8 - 27 NPT hydraulic grease fitting

TAF S1 Unit Is Used In All Expansion And Non-Expansion TAF Housings

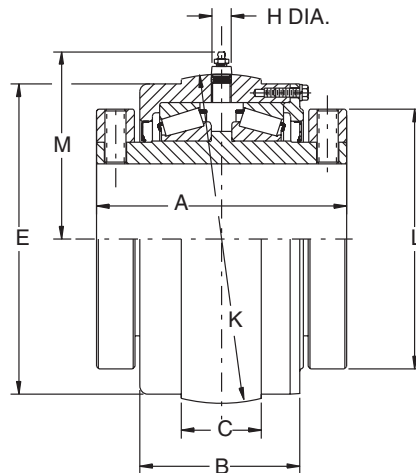
S-1 UNIT

1-7/16" THRU 3" CONSTRUCTION



S-1 UNIT

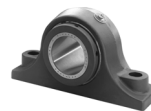
3-3/16" THRU 5" CONSTRUCTION



S-1 UNIT

5-7/16" THRU 7" CONSTRUCTION

SELECTION/DIMENSIONS



TAF Units - Inch

"S-1" UNITS - GRAY IRON			
SHAFT SIZE # INCHES	PART NUMBER	PART NAME	WEIGHT LBS (APPROX)
1-7/16	037632	S1U509-TAF-107	5
1-11/16	037633	S1U510-TAF-111	7
1-15/16	037634	S1U511-TAF-115	8
2-3/16	037635	S1U513-TAF-203	9
2-7/16	037636	S1U515-TAF-207	11
2- 1/2	037637	S1U515-TAF-208	11
2-11/16	037638	S1U517-TAF-211	18
2-3/4	037639+	S1U517-TAF-212	17
2-15/16	037640	S1U517-TAF-215	17
3	037641	S1U517-TAF-300	17
3-7/16	037642	S1U520-TAF-307	31
3-1/2	037643+	S1U520-TAF-307	31
3-15/16	037644	S1U522-TAF-315	43
4	037645	S1U522-TAF-400	43
4-7/16	037646	S1U526-TAF-407	57
4-1/2	037647+	S1U526-TAF-408	68
4-15/16	037648	S1U528-TAF-415	82
5	037649+	S1U528-TAF-500	82
5-7/16	023610	S1U-TAF-507R	155
5-15/16	023611	S1U-TAF-515R	143
6	023612	S1U-TAF-600R	138
6-7/16	023613	S1U-TAF-607R	187
6-1/2	023614	S1U-TAF-608R	182
6-15/16	023615	S1U-TAF-615R	180
7	023616	S1U-TAF-700R	178

NOTE: TAF inserts below 5-7/16" are not interchangeable with TAF-XT housings. For TAF-XT housings, with shafts of 5" or less, order Double Interlock S-1 units on Page B6-50

SHAFT SIZE INCHES	A	B	C	E		H	K	L	M
				MACH. SIDE	CAST SIDE				
1-7/16	3	2-1/16	1-5/32	3.250	3.31	3/4	3.595•	2-3/4	2-1/2
1-11/16	3-3/8	2-5/16	1-3/16	3.750	3.81	3/4	4.095•	3-3/16	2-7/8
1-15/16	3-1/2	2-7/16	1-1/2	4.125	4.18	3/4	4.502•	3-7/16	2-3/4
2-3/16	3-3/4	2-9/16	1-9/16	4.500	4.56	3/4	4.940•	3-3/4	2-61/64
2-7/16	4	2-3/4	1-7/16	4.812	4.87	3/4	5.156•	4-1/16	3-3/8
2-15/16	4-1/2	3	1-7/8	5.563	5.63	3/4	6.001•	4-23/32	3-7/8
3-7/16	5	3-1/2	2-3/16	6.813	6.88	3/4	7.313*	5-1/2	4-1/2
3-15/16	6-1/4	4-1/2	2-19/32	7.438	7.40	15/16	7.937*	6	5-1/8
4-7/16	6-3/4	4-5/8	2-9/16	8.313	8.32	15/16	8.812*	6-29/64	5-1/2
4-15/16	7-1/4	5-1/8	3-1/8	9.563	9.54	15/16	10.124*	7-29/64	6-3/16
5-7/16	9	5-7/8	2-9/16	11.190	11.19	15/16	11.563^	9-3/8	6-29/32
6-7/16	10-1/2	7-1/8	3	13.250	13.25	15/16	13.748^	11-3/8	8

• +.000,-.001"

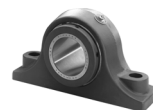
^ +.000,-.003" * +.0005

Consult DODGE For Sizes Not Listed

+ Non-stock -- Consult DODGE For Delivery

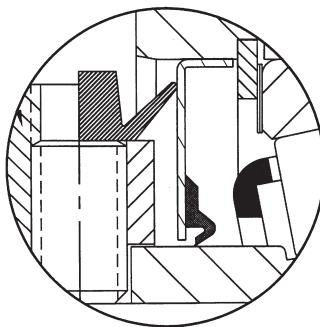
FEATURES/BENEFITS PAGE B6-3	SPECIFICATION PAGE B6-8	NOMENCLATURE PAGE B6-10	SELECTION PAGE B6-11
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SELECTION/DIMENSIONS

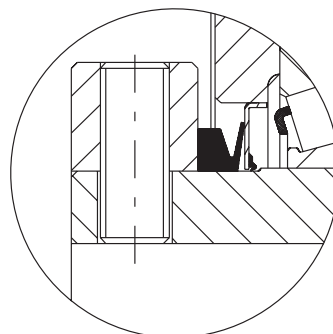


Type E / Type K / DOUBLE-INTERLOCK /TAF E-TECT SEAL KITS

SHAFT SIZE INCHES	KIT PART NUMBER
1-3/16 TO 1-1/4	037650*
1-3/8 TO 1-7/16	037651*
1-1/2 TO 1-11/16	037652*
1-3/4 TO 2	037653*
2-3/16	037654*
2-1/4 TO 2-1/2	037655*
2-11/16 TO 3	037656*
3-3/16 TO 3-1/2	037657*
3-15/16 TO 4	037658*
4-7/16 TO 4-1/2	037659*
4-15/16 TO 5	037660*
5-7/16 TO 6	037673**
6-7/16 TO 7	037674**



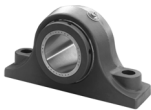
1-3/16 THRU 5"



5-7/16 THRU 7"

- * Kit includes one collar, set screws and seal
- ** Kit for 5-7/16 - 7" consists of a modified v-ring seal. This seal can only be used with bearings produced after September 1995

SELECTION/DIMENSIONS



Type E

TYPE E END CLOSURE KITS - INCH

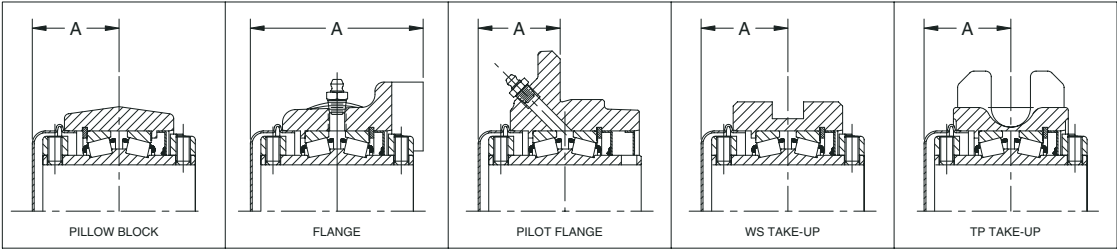
D-LOK

Type E Family

Speciality Tapered

S-2000

UNISPHERE II



** Seal must be removed before installing the end cover

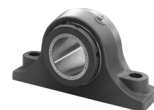
SHAFT SIZE Δ Inches	KIT* PART NO.	"A" DIMENSION (INCH)				
		PILLLOW BLOCK	FLANGE	PILOT FLANGE	WS TAKE-UP	TP TAKE-UP
1-3/16 TO 1-1/4	023795	1-9/16	2-31/32	1-15/32	----	----
1-3/8 TO 1-7/16	023796	1-11/32	3-7/32	1-21/32	1-21/32	----
1-1/2 TO 1-11/16	023797	1-57/64	3-43/64	1-47/64	1-55/64	----
1-3/4 TO 2	023798	1-61/64	3-51/64	1-47/64	1-59/64	1-63/64
2-3/16	023799	2-3/32	4-1/16	1-7/8	2-1/16	2-1/16
2-1/4 TO 2-1/2	023800	2-1/4	4-3/8	2	2-3/16	2-5/16
2-11/16 TO 3	023801	2-7/16	4-7/8	2-3/16	2-7/16	2-7/16

Δ - Consult DODGE For Sizes Not Listed.

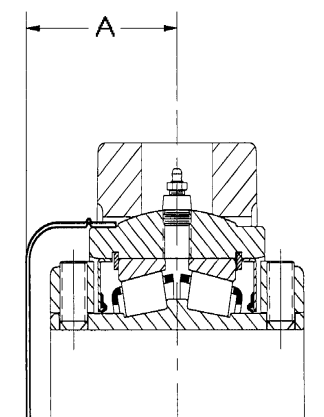
* - Kit Includes End Closure And Special Collar.

FEATURES/BENEFITS PAGE B6-3	SPECIFICATION PAGE B6-8	NOMENCLATURE PAGE B6-10	SELECTION PAGE B6-11
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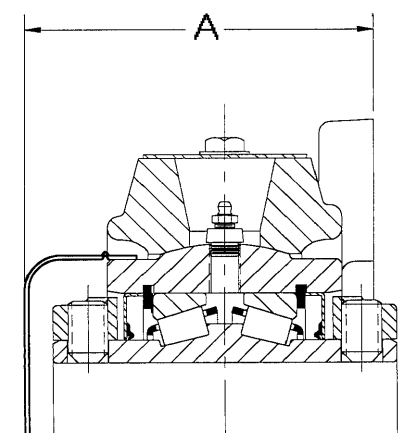
SELECTION/DIMENSIONS

DODGE®


Type K, DOUBLE-INTERLOCK and TAF End Closures



DOUBLE INTERLOCK SHOWN
K, D-I & TAF



DOUBLE INTERLOCK SHOWN
K & D-I

SHAFT SIZE INCHES	PART NUMBER	"A" DIMENSION	
		PILLOW BLOCK	FLANGE BEARING
1-3/8 TO 1-7/16	037681	1-21/32	2-27/32
1-1/2 TO 1-11/16	037682	1-55/64	3-11/64
1-3/4 TO 2	037683	1-59/64	3-19/64
2-3/16	037684	2-1/16	3-1/2
2-1/4 TO 2-1/2	037685	2-3/16	3-3/4
2-11/16 TO 3	037686	2-7/16	4-3/16
3-3/16 TO 3-1/2	037687	2-11/16	4-15/16
3-5/16 TO 4	037688	3-5/16	5-13/16
4-7/16 TO 4-1/2	037689	3-9/16	5-7/8
4-15/16 TO 5	037690	3-13/16	6-5/16

END CLOSURE MOUNTS ON MACHINED OD SIDE OF S-1 UNIT



TAF - Smart Stock Selections HOW TO ORDER

Step 1: The Housing Choices Standard Or Drilled

When speed only will be monitored, select the standard housing.

When vibration, and /or temperature will be monitored, select the drilled housing

All housing part numbers shown are 4-bolt base, non-expansion



Shaft Size	Series	Standard Housing Part Numbers If you are monitoring speed only Part #	Drilled Housing Part Number For temperature and/or vibration Part #
207	515	037548	053067
215	517	037550	053628
307	520	037551	067350
315	522	037552	054960
407	526	037553	067352
415	528	037554	067353
507	532	042628	067354
515	534	042630	067357
615	538	042634	067234

Step 2: Pick An S1 Unit

Smart S-1 units feature
Embedded thermocouple
drilled and tapped holes
for prox covers

Special locking collar with
prox targets



Shaft Size	S1 Unit
207	055805
215	055806
307	055807
315	049235
407	055915
415	055840
507	067355
515	067356
615	067323

Step 3: The Sensor Choices

For speed monitoring, use
AC prox and prox cover or
DC prox and prox cover.
(Use DC with EZLINK only)

For temperature monitoring,
use thermocouple transmit-
ter or for speed, tempera-
ture and vibration
monitoring, use EZLINK

Prox Covers		
Shaft	Housing	Part Number
207	515	067340
215	517	067342
307	520	067343
315	522	067344
407	526	067345
415	528	067346
507	532	067347
515	534	067347
615	538	067348

TAF Sensor kits	Part Number
AC Prox	055943
DC Prox	055948
Thermocouple Transmitter	055931
EZLINK	059652
Cable Connector Kit	063694
4-20 ma Accelerometer and Thermocouple	067576

* For additional details on DODGE Smart Bearings, see brochure DMR-2026-6

FEATURES/BENEFITS PAGE B6-3	SPECIFICATION PAGE B6-8	NOMENCLATURE PAGE B6-10	SEL/DIMS - METRIC PAGE B6-70
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SELECTION



Type E - Metric

SELECTION METRIC TYPE E TAPERED ROLLER BEARINGS

DODGE Type E Double Row Tapered Roller Bearings have the capacity to carry heavy radial loads, thrust loads, and combined radial and thrust loads. The maximum recommended load which can be applied is limited by various components in the system such as bearing, housing, shaft, shaft attachment, speed and life requirements as listed in this catalog. DODGE Unitized Type E Roller Bearings have been applied successfully even when these limits have been exceeded under controlled operating conditions. Contact DODGE Application Engineering (864-297-4800) for applications which exceed the recommendations of this catalog.

L₁₀ Life, Hours -- The fatigue life which may be expected from at least 90% of a given group of bearings operating under identical conditions.

$$L_{10} \text{ Life, Hours} = \left(\frac{C_{90}}{P} \right)^{10/3} \times \frac{1,500,000}{\text{RPM}}$$

Where: C_{90} = Dynamic Capacity (Table 9), kN
 P = Equivalent Radial Load, kN
 (See Equation 1 On Page B6-64 for definition of P)

GENERAL

Heavy Service -- For heavy shock loads, frequent shock loads, or severe vibrations, increase the Equivalent Radial Load up to 50% (according to severity of conditions) to obtain a Modified Equivalent Radial Load. Consult Application Engineering at 864-297-4800 for additional selection assistance.

Thrust load values shown in the table below are recommended as a guide for general applications that will give adequate L_{10} life. With substantial radial loads also present, it is advisable to calculate actual L_{10} life to assure the bearing meets requirements.

RPM RANGE	20 - 200	201 - 2000	over 2000
RECOMMENDED THRUST LOAD	$C_{90}/4$	$C_{90}/8$	$C_{90}/12$

The shaft tolerances recommended below are adequate for the conditions outlined in this catalog. Since the allowable load, especially at a low speed, is very large, the shaft should be checked to assure adequate shaft strength.

The magnitude and direction of both the thrust and radial load must be taken into account when selecting a shaft size. **Heavy loads should be directed through the base. Where uplift loads are involved see Table 12 for maximum values.** Where a load pulls the housing away from the mounting base, both the hold-down bolts and housing must be of adequate strength. Auxiliary load carrying devices such as shear bars are advisable for side or end loading of plummer blocks.

SHAFT TOLERANCES

SHAFT SIZE	TOLERANCE
Up to 35mm	+.000 - .013mm
40 to 100mm	+.000 - .025mm
100 - 150mm	+.000 - .038mm
160 - 180mm	+.000 - .051mm



Type E - Metric

SELECTING BEARINGS SUPPORTING RADIAL LOADS ONLY

1. Define the desired L_{10} Life, in Hours
2. Establish bearing radial load, F_R , kN
3. Establish RPM.

$F_R = P$ for Pure Radial Load Conditions.

P = Equivalent radial load, kN

(The Dodge program BEST• can be used to find application loads.)

Using the easy selection Table 10, Page B6-66 under the RPM column find the equivalent load that equals or is higher than the application radial load for the desired life. The shaft size on the far left will be the minimum shaft size that you can use for your application. If the desired life is different than the values shown on the chart, use alternate Method A shown below.

Example: L_{10} Life = 30,000 Hours

Radial load = 18 kN

RPM = 1000

At the intersection of the 1000 RPM column and at the 30,000 hours L_{10} life row, the equivalent radial load of 25 kN exceeds the 18kN application radial load for shaft

sizes 80, 85, and 90. Therefore, an 80, 85, or 90mm E bearing can be used to meet the application conditions of the above example:

ALTERNATE METHOD A --SELECTING A BEARING FOR AN L_{10} LIFE VALUE NOT SHOWN IN THE EASY SELECTION CHART.

The L_{10} life equation can be rearranged so that the bearing dynamic capacity C_{90} is identified in terms of L_{10} , RPM and P .

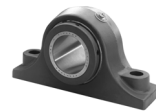
$$C_{90} = \left(\frac{L_{10} \times \text{RPM}}{1,5000,000} \right)^{0.3} \times P$$

($P = F_R$ for Pure Radial Load Conditions)

Since the L_{10} , RPM, and P are known, solve for C_{90} . Select from the dynamic capacity column on Table 9 the C_{90} value equal to or greater than the C_{90} value just calculated. The bore size on the far left represents the minimum shaft size selection. Check that the application RPM does not exceed the MAX. RPM on Table 9. When selecting a L_{10} life of less than 30,000 hours particular attention must be paid to shaft deflection and proper lubricant selection.

- The DODGE Bearing Evaluation and Selection Technique (BEST) is a menu driven computer program that calculates bearing loads, fatigue life, and operating temperature for a two bearing shaft system based on user supplied input parameters.

FEATURES/BENEFITS PAGE B6-3	SPECIFICATION PAGE B6-8	NOMENCLATURE PAGE B6-10	SEL/DIMS - METRIC PAGE B6-70
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Type E - Metric

SELECTING BEARINGS SUPPORTING BOTH RADIAL AND THRUST LOADS

When a bearing supports both a radial load and a thrust load, the loading on the two rows is shared unequally depending on the ratio of thrust to radial load. The use of the X (radial factor) and Y (thrust factor) from Table 9 convert the applied thrust load and radial loads to an equivalent radial load having the same effect on the life of the bearing as a radial load of this magnitude.

The equivalent radial load $P = XFR + YFA$
(Equation 1)

Where:

P = Equivalent radial load, kN

FR = Radial load, kN

FA = Thrust (axial) load, kN

e = Thrust load to radial load factor (Table 1)

X = Radial load factor (Table 1)

Y = Thrust load factor (Table 1)

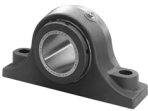
Calculate FA/FR and compare to e for the selected bore size. Determine X and Y from Table 1 depending on whether FA/FR is equal to or less than e , or FA/FR greater than e . Substitute all known values into the equivalent radial load equation. P (equivalent radial load) can be used in the life formula to determine L_{10} life in hours or compared to the allowable equivalent radial load ratings for the speed and hours life desired in the easy selection table.

SELECTING BEARINGS SUPPORTING ONLY THRUST LOADS

Type E tapered roller bearings are well suited to carry pure thrust loads. Follow the same selection procedure used above "Selecting Bearings Supporting Both Radial and Thrust Loads" except the equation $P = XFR + YFA$ reduces to $P = YFA$. (XFR is equal to zero)

TABLE 9 RADIAL AND THRUST FACTORS FOR TYPE E TAPERED ROLLER BEARINGS (METRIC)

SHAFT SIZE (MM)	e	$FA/FR \leq e$		$FA/FR > e$		DYNAMIC CAPACITY C_{90} kNEWTONS	MAXIMUM RPM	MAXIMUM SLIP FIT RADIAL LOAD, (FR)k N**
		X	Y	X	Y			
35	0.46	.87	1.89	.70	2.28	21.2	3,820	22.2
40	0.44	.87	1.96	.70	2.37	27.3	3,320	28.5
45, 50	0.33	.87	2.64	.70	3.18	35.9	3,050	37.4
55	0.35	.87	2.38	.70	2.87	38.0	2,730	39.6
60, 65	0.40	.87	2.17	.70	2.63	40.4	2,420	42.2
70, 75	0.45	.87	1.87	.70	2.26	42.7	2,060	44.5
80, 85, 90	0.50	.87	1.71	.70	2.07	68.1	1,640	71.2
100	0.49	.87	1.77	.70	2.14	93.4	1,530	98.0
110, 115	0.53	.87	1.63	.70	1.97	114.8	1,360	120.0
125	0.47	.87	1.83	.70	2.21	157.9	1,200	164.6
135, 140, 150	0.49	.87	1.76	.70	2.12	181.1	915	188.6
160, 170, 180	0.54	.87	1.61	.70	1.95	307.9	790	320.2



Type E - Metric

COMPARING SPHERICAL TO TAPER ROLLER BEARING

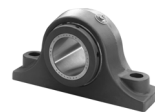
The dynamic capacity C (spherical) and C₉₀ (taper) are not to the same base. To compare basic dynamic capacities, multiply C x .259 and compare to C₉₀.

To select and then compare, use the complete selection procedure for each type bearing and then compare.

*C₉₀---Dynamic capacity based on a rated life of 90 million revolutions or 3000 hours at 500 RPM.

** If load exceeds maximum allowable slip fit radial load (F_R), line to line, to-light press fit of shaft required. Application loads up to maximum slip fit radial load may be applied if recommended shaft tolerances are used.

FEATURES/BENEFITS PAGE B6-3	SPECIFICATION PAGE B6-8	NOMENCLATURE PAGE B6-10	SEL/DIMS - METRIC PAGE B6-70
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Type E - Metric

TABLE 10 - EASY SELECTION TABLE FOR TYPE E, DOUBLE ROW TAPERED ROLLER BEARINGS (METRIC)

SHAFT SIZE, MM	L10 LIFE, HRS.	ALLOWABLE EQUIVALENT RADIAL LOAD RATING (kN) AT VARIOUS REVOLUTIONS PER MINUTE														
		50	100	150	250	500	750	1000	1250	1500	1750	2000	2500	2700	3000	3500
35	10000	30	25	20	20	15	15	10	10	10	10	10	10	10	10	10
	30000	20	15	15	15	10	10	10	10	5	5	5	5	5	5	5
	40000	20	15	15	10	10	10	5	5	5	5	5	5	5	5	5
	60000	15	15	10	10	10	5	5	5	5	5	5	5	5	5	5
	100000	15	10	10	10	5	5	5	5	5	5	5	5	5	5	5
40	10000	35	30	25	25	20	15	15	15	15	15	10	10	10	10	10
	30000	25	20	20	15	15	10	10	10	10	10	10	10	10	5	5
	40000	25	20	20	15	10	10	10	10	10	10	10	5	5	5	5
	60000	20	20	15	15	10	10	10	10	5	5	5	5	5	5	5
	100000	20	15	15	10	10	10	5	5	5	5	5	5	5	5	5
45 50	10000	55	45	40	35	25	25	20	20	20	20	20	15	15	15	--
	30000	40	30	30	25	20	15	15	15	15	15	15	10	10	10	--
	40000	35	30	25	20	20	15	15	15	15	10	10	10	10	10	--
	60000	30	25	25	20	15	15	15	10	10	10	10	10	10	10	--
	100000	25	20	20	15	15	10	10	10	10	10	10	10	10	10	--
55	10000	50	40	40	30	25	25	20	20	20	20	15	15	15	15	--
	30000	40	30	25	25	20	15	15	15	15	15	10	10	10	10	--
	40000	35	30	25	20	15	15	15	15	10	10	10	10	10	10	--
	60000	30	25	20	20	15	15	10	10	10	10	10	10	10	10	--
	100000	25	20	20	15	15	10	10	10	10	10	10	10	10	5	--
60 65	10000	55	45	40	35	30	25	20	20	20	20	20	15	--	--	--
	30000	40	30	30	25	20	15	15	15	15	15	15	10	--	--	--
	40000	35	30	25	20	20	15	15	15	15	10	10	10	--	--	--
	60000	30	25	25	20	15	15	15	10	10	10	10	10	--	--	--
	100000	30	20	20	15	15	10	10	10	10	10	10	10	--	--	--
70 75	10000	60	50	40	35	30	25	25	20	20	20	20	--	--	--	--
	30000	40	35	30	25	20	20	15	15	15	15	15	--	--	--	--
	40000	40	30	30	25	20	15	15	15	15	15	10	--	--	--	--
	60000	35	30	25	20	15	15	15	15	10	10	10	--	--	--	--
	100000	30	25	20	20	15	15	10	10	10	10	10	--	--	--	--
80 85 90	10000	95	75	70	60	45	40	40	35	35	30	--	--	--	--	--
	30000	70	55	50	40	35	30	25	25	25	25	--	--	--	--	--
	40000	60	50	45	40	30	25	25	25	20	20	--	--	--	--	--
	60000	55	45	40	35	25	25	20	20	20	20	--	--	--	--	--
	100000	45	40	35	30	25	20	20	20	15	15	--	--	--	--	--
100	10000	130	105	95	80	65	55	50	50	45	--	--	--	--	--	--
	30000	95	75	65	55	45	40	40	35	35	--	--	--	--	--	--
	40000	85	70	60	50	40	40	35	30	30	--	--	--	--	--	--
	60000	75	60	55	45	40	35	30	30	25	--	--	--	--	--	--
	100000	65	50	45	40	30	30	25	25	25	--	--	--	--	--	--

For Maximum RPM See Table 1 on Page B6-14.

In The Shaded Area E, DI & TAF Mounted Unites Required Line-To-Line Press Fit To Shaft



Type E - Metric

TABLE 10 - EASY SELECTION TABLE FOR TYPE E, DOUBLE ROW TAPERED ROLLER BEARINGS (METRIC) (CONT.)

SHAFT SIZE, MM	L10 LIFE, HRS.	ALLOWABLE EQUIVALENT RADIAL LOAD RATING (kN) AT VARIOUS REVOLUTIONS PER MINUTE														
		50	100	150	250	500	750	1000	1250	1500	1750	2000	2500	2700	3000	3500
110 115	10000	160	130	115	100	80	70	65	60	--	--	--	--	--	--	--
	30000	115	95	80	70	55	50	45	45	--	--	--	--	--	--	--
	40000	105	85	75	65	50	45	40	40	--	--	--	--	--	--	--
	60000	95	75	65	55	45	40	35	35	--	--	--	--	--	--	--
	100000	80	65	55	50	40	35	30	30	--	--	--	--	--	--	--
125	10000	220	180	155	135	110	95	90	85	--	--	--	--	--	--	--
	30000	155	130	115	95	80	70	65	60	--	--	--	--	--	--	--
	40000	145	115	105	90	70	65	60	55	--	--	--	--	--	--	--
	60000	130	105	90	80	65	55	50	50	--	--	--	--	--	--	--
	100000	110	90	80	65	55	50	45	40	--	--	--	--	--	--	--
135 140 150	10000	250	205	180	155	125	110	100	--	--	--	--	--	--	--	--
	30000	180	145	130	110	90	80	75	--	--	--	--	--	--	--	--
	40000	165	135	120	100	85	75	65	--	--	--	--	--	--	--	--
	60000	145	120	105	90	75	65	60	--	--	--	--	--	--	--	--
	100000	125	100	90	75	65	55	50	--	--	--	--	--	--	--	--
160 170 180	10000	430	345	305	265	215	190	--	--	--	--	--	--	--	--	--
	30000	305	250	220	190	155	135	--	--	--	--	--	--	--	--	--
	40000	280	230	205	175	140	125	--	--	--	--	--	--	--	--	--
	60000	250	205	180	155	125	110	--	--	--	--	--	--	--	--	--
	100000	215	175	155	130	105	95	--	--	--	--	--	--	--	--	--

For Maximum RPM See Table 1 on Page B6-14.

In The Shaded Area E, DI & TAF Mounted Unites Required Line-To-Line Press Fit To Shaft

SELECTION



Type E

LUBRICATION

DODGE Type E Metric Tapered Roller Bearings are lubricated at the factory with Mobilith AW 2 grease up to 125mm and with Mobilux #2 EP above 125mm. Mobilith AW 2 is a superior industrial grease using a lithium complex thickener and a highly refined base oil. Mobilux #2EP grease is a superior industrial greases using a lithium hydroxystearate thickener and highly refined base oil. These greases will adequately handle low and medium speeds with low and medium loads at normal temperatures as defined on Table 13. For very low and high speeds, for heavy loads and for low and high temperatures, special greases must be used. Contact DODGE Application Engineering (864) 284-5700. DODGE engineers will recommend bearings and lubricants for the unusual conditions. DODGE also has the expertise to custom design and build special bearings for your needs.

High Speed Operation --- In the higher speed ranges too much grease will cause overheating. The amount of grease that the bearing will take for particular high speed application can only be determined by experience. If excess grease in the bearing caused overheating, it will be necessary to remove grease fitting (also drain plug when furnished) to permit excess grease to escape. When establishing a relubrication schedule, note that a small amount of grease at frequent intervals is preferable to a large amount at infrequent intervals.

TABLE 11 - RELUBRICATION SCHEDULE

Hours Run per Day	SUGGESTED LUBRICATION PERIOD IN WEEKS							
	1 to 250 RPM	251 to 500 RPM	501 to 750 RPM	751 to 1000 RPM	1001 to1500 RPM	1501 to 2000 RPM	2001 to 2500 RPM	2501 to 3000 RPM
8	12	12	10	7	5	4	3	2
16	12	7	5	4	2	2	2	1
24	10	5	3	2	1	1	1	1

Operation in Presence of Dust, Water or Corrosive Vapors

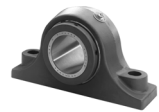
--- Under these conditions the bearing should contain as much grease as speed will permit, since a full bearing with consequent slight leakage is the best protection against entrance of foreign material. In the higher speed ranges too much grease will cause overheating --- see "High Speed Operation". In the lower speed ranges, it is advisable to add extra grease to a new bearing before putting into operation. Bearings should be greased as often as necessary (daily if required) to maintain a slight leakage at the seals.

INSTALLATION AND MAINTENANCE

In nearly all applications good design practice requires two bearings supporting the shaft. In cases where three or more bearings are installed, unless precautions are taken to line the bearings up, both vertically and horizontally, it is possible to induce heavy loads. To ensure good alignment, mounting surfaces must be checked for flatness and must lie in the same plane. When tightening base bolts and cap bolts, each bolt should be alternately tightened in incremental torque values until full torque is achieved to prevent the angular shifting of the pillow block that occurs when one bolt is tightened to its full torque. Shimmiing may be required to minimize misalignment.

FEATURES/BENEFITS PAGE B6-3	SPECIFICATION PAGE B6-8	NOMENCLATURE PAGE B6-10	SEL/DIMS - METRIC PAGE B6-70
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SELECTION



Type E - Metric

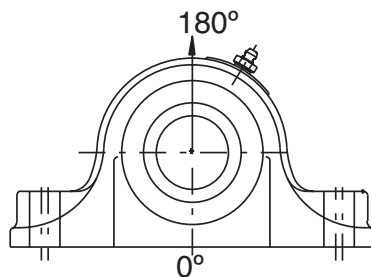


TABLE 12 - TYPE HOUSING RATINGS, GRAY IRON

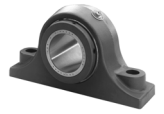
BORE SIZE MM	MAXIMUM HOUSING CAP LOADS, kN
	P180
35	14
40	13
45, 50	23
55	16
60, 65	29
70, 75	31
80, 85, 90	70
100	72
110,115	93
125	116
135,140,150	194
160,170,180	204

TABLE 13 - DEFINITION OF OPERATING CONDITIONS FOR TAPERED ROLLER BEARINGS

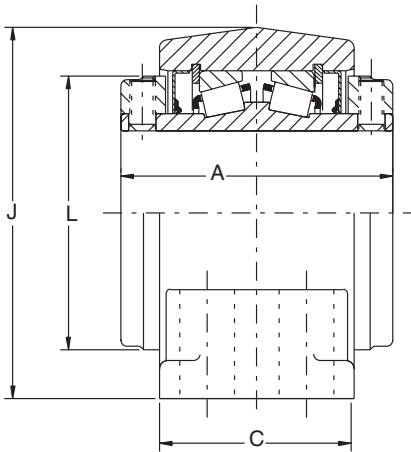
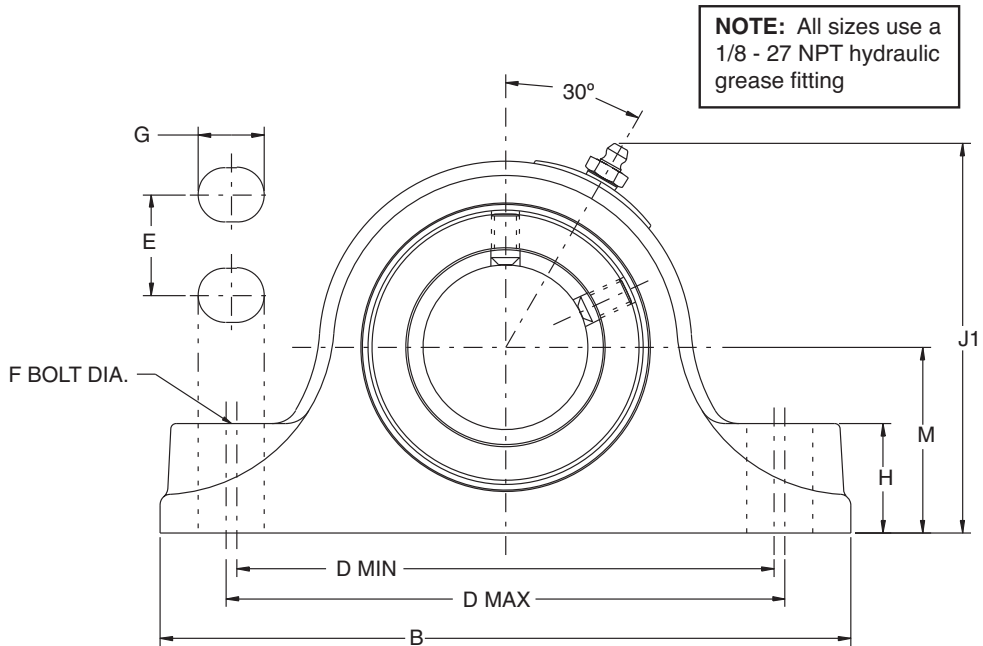
LOW SPEED	UP TO 20% OF MAX. RPM (TABLE 9)
MEDIUM SPEED	OVER 20% TO 80% OF MAX. RPM
HIGH SPEED	OVER 80% OF MAX. RPM
LIGHT LOAD	UP TO 30% OF C ₉₀ (TABLE 9)
NORMAL LOAD	OVER 30% TO 70% OF C ₉₀
HEAVY LOAD	OVER 70% OF C ₉₀
LOW TEMPERATURE	-75°C TO - 10°C
MEDIUM TEMPERATURE	ABOVE - 10°C TO 100°C
HIGH TEMPERATURE	ABOVE 100°C TO 150°C
VERY HIGH TEMPERATURE	ABOVE 150°C TO 205°C

FEATURES/BENEFITS PAGE B6-3	SPECIFICATION PAGE B6-8	NOMENCLATURE PAGE B6-10	SEL/DIMS - METRIC PAGE B6-70
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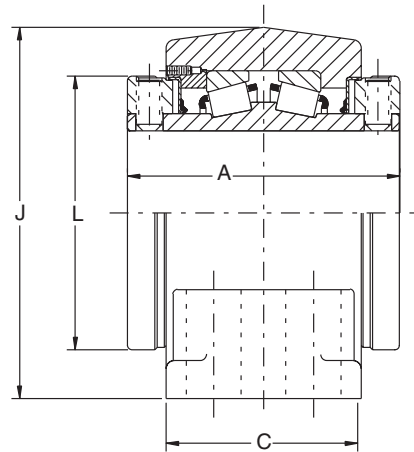
SELECTION/DIMENSIONS

DODGE®


Type E - Plummer Block - Metric 2 & 4 BOLT BASE



35mm THRU 75mm CONSTRUCTION



80mm THRU 125mm CONSTRUCTION

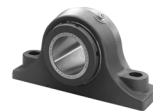
FEATURES/BENEFITS
PAGE B6-3

SPECIFICATION
PAGE B6-8

NOMENCLATURE
PAGE B6-10

SELECTION - METRIC
PAGE B6-61

SELECTION/DIMENSIONS



D-LOK

Type E Family

Specialty Tapered

S-2000

UNISPHERE II

Type E - Plummer Block - Metric

TYPE E PLUMMER BLOCKS, 2-BOLT

SHAFT SIZE (mm)	PART NUMBER	PART NAME	WEIGHT LBS. (APPROX.)
35mm	023620	P2B-E-035MR	7
40mm	023621	P2B-E-040MR	10
45mm	023622	P2B-E-045MR	12
50mm	023623	P2B-E-050MR	12
55mm	023624	P2B-E-055MR	15
60mm	023625	P2B-E-060MR	20
65mm	023626	P2B-E-065MR	20
70mm	023627	P2B-E-070MR	29
75mm	023628	P2B-E-075MR	27
80mm	023629	P2B-E-080MR	49
85mm	023630	P2B-E-085MR	47
90mm	023631	P2B-E-090MR	45

TYPE E PLUMMER BLOCKS, 4-BOLT

SHAFT SIZE (mm)	PART NUMBER	PART NAME	WEIGHT LBS. (APPROX.)
100mm	023632	P4B-E-100MR	69
110mm	023633	P4B-E-110MR	85
115mm	023634	P4B-E-115MR	91
125mm	023635	P4B-E-125MR	136
135mm	023636	P4B-E-135MR	245
140mm	023637	P4B-E-140MR	240
150mm	023638	P4B-E-150MR	235
160mm	023639	P4B-E-160MR	355
170mm	023640	P4B-E-170MR	345
180mm	023641	P4B-E-180MR	345

TYPE E PLUMMER BLOCKS, 2-BOLT BASE

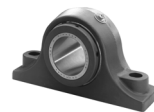
SHAFT SIZE (mm)	A	B	C	D		F Bolts	G	H	J1	L	M
				Min	Max						
35mm	76.2	187.0	54.0	142.8	149.2	M12	19	29	101.6	70	47.6
40mm	85.7	200.0	60.0	155.5	161.9	M12	19	32	113.5	81	54.0
45mm	88.9	225.0	64.0	174.6	181.0	M16	22	33	119	87	57.2
50mm											
55mm	95.3	244.0	67.0	193.7	200.0	M16	22	38	131.4	95	63.5
60mm	101.6	267.0	73.0	212.7	219.0	M16	22	41	142.8	103	69.9
65mm											
70mm	114.3	305.0	76.0	236.5	246.0	M20	27	48	161.1	120	79.4
75mm											
80mm	127.0	356.0	89.0	274.6	284.2	M20	30	57	190.5	139.7	95.3
85mm											
90mm											

TYPE E PLUMMER BLOCKS, 4-BOLT BASE

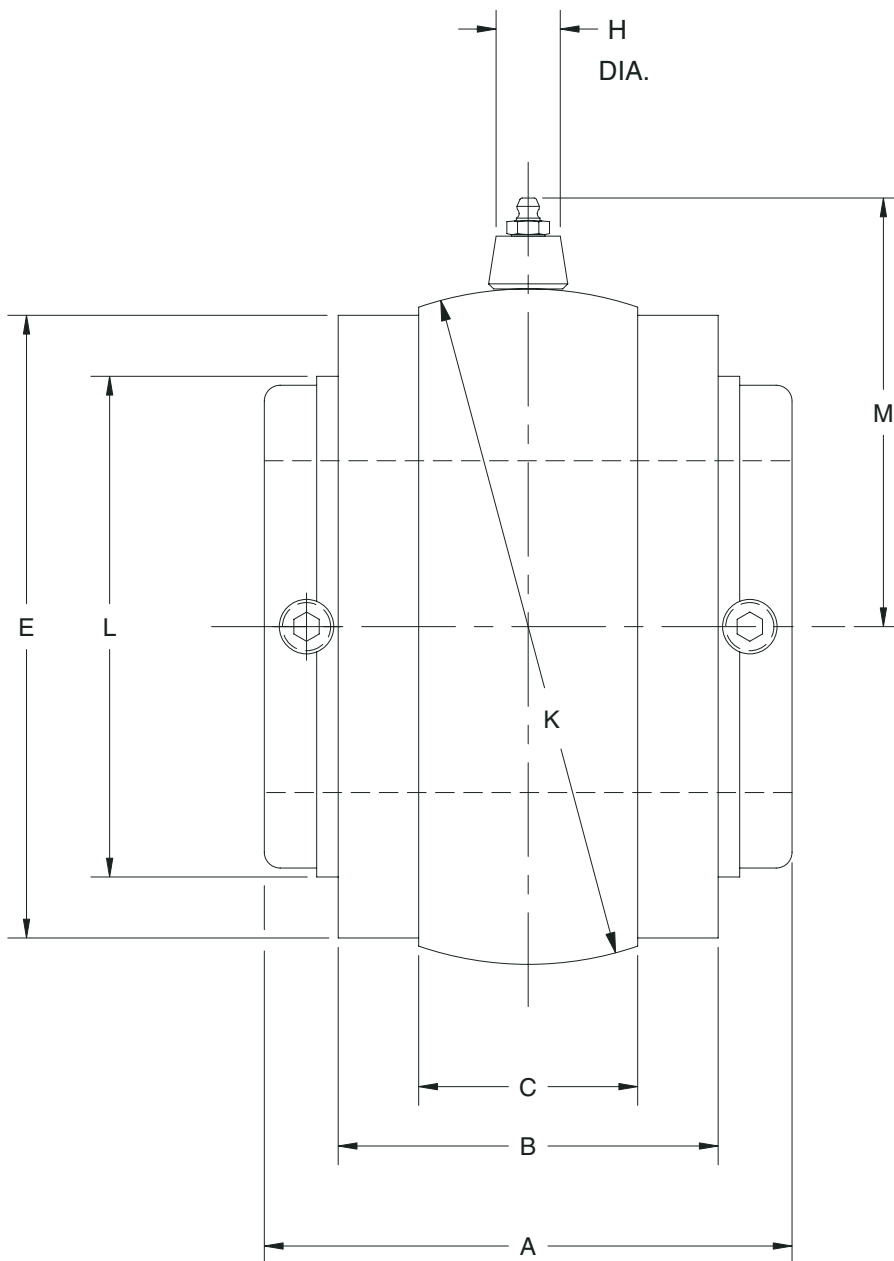
SHAFT SIZE (mm)	A	B	C	D		E	F Bolts	G	H	J1	L	M
				Min.	Min							
100mm	158.8	387	114	311.2	323.9	57.2	M20	28	62	216	152.4	108.0
110mm	171.5	422	117	336.6	349.3	63.5	M20	28	70	238	164	120.7
115mm												
125mm	184.2	470	130	387.4	400.0	73.0	M24	32	76	276	189	139.7
135mm	228.6	559	159	441.3	485.8	95.3	M24	51	83	335	238	169.9
140mm												
150mm												
160mm	266.7	660	181	539.8	590.6	117.5	M24	51	94	379	289	190.5
170mm												
180mm												

FEATURES/BENEFITS PAGE B6-3	SPECIFICATION PAGE B6-8	NOMENCLATURE PAGE B6-10	SELECTION - METRIC PAGE B6-61
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SELECTION/DIMENSIONS

DODGE®


DOUBLE-INTERLOCK - Metric

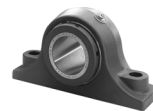

 FEATURES/BENEFITS
PAGE B6-3

 SPECIFICATION
PAGE B6-8

 NOMENCLATURE
PAGE B6-10

 SELECTION - METRIC
PAGE B6-61

SELECTION/DIMENSIONS



D-LOK

Type E Family

Speciality Tapered

S-2000

UNISPHERE II

DOUBLE-INTERLOCK - Metric

METRIC DOUBLE INTERLOCK "S-1" UNITS - FRAY IRON			
SHAFT SIZE #	PART NUMBER	PART NAME	WEIGHT LBS (APPROX)
35mm	023700	S1U-DI-035M	5
40mm	023701	S1U-DI-040M	6
45mm	023702	S1U-DI-045M	8
50mm	023703	S1U-DI-050M	8
55mm	023704	S1U-DI-055M	10
60mm	023705	S1U-DI-060M	11
65mm	023706	S1U-DI-065M	10
70mm	023707	S1U-D9-070M	17
75mm	023708	S1U-DI-075M	17
80mm	023709	S1U-DI-080M	33
85mm	023710	S1U-DI-085M	32
90mm	023711	S1U-DI-090M	31
100mm	023712	S1U-DI-100M	42
110mm	023713	S1U-DI-110M	55
115mm	023714	S1U-DI-115M	71
125mm	023715	S1U-DI-125M	85

For housing references see the following pages: Pillow Blocks (B6-22 - B6-27) Flange Bearings (B6-28 - B6-28)

SHAFT SIZE (mm)	A	B	C	E		H DIA	K	L	M
				MACH SIZE	CAST SIZE				
35mm	3.00	2.063	1.156	3.250	3-5/16	0.688	3.625*	2.750	2.640
40mm	3.375	2.313	1.188	3.750	3-13/16	.0688	4.125*	3.188	2.890
45mm	3.500	2.875	1.500	4.125	4-3/16	0.688	4.562*	3.438	3.100
50mm									
55mm	3.750	2.563	1.563	4.500	4-5/8	0.688	5.000*	3.750	3.320
60mm	4.000	2.750	1.438	4.812	4-7/8	0.688	5.186*	4.063	3.410
65mm									
70mm	4.500	3.000	1.875	5.563	5-5/8	0.688	6.061*	4.719	3.850
75mm									
80mm	5.000	3.500	2.00	6.813	6-7/8	0.688	7.373#	5.531	4.510
85mm									
90mm									
100mm	6.250	4.500	2.375	7.438	7-1/2	0.313	7.997#	6.125	5.160
110mm	6.750	4.625	2.375	8.313	8-3/8	0.313	8.872#	6.438	5.600
115mm									
125mm	7.250	5.125	2.875	9.563	9-5/8	0.313	10.184#	7.438	6.260

ALL DIMENSIONS ARE SHOWN IN INCHES

* +.000 to -.001"

+/- .0005"

FEATURES/BENEFITS PAGE B6-3	SPECIFICATION PAGE B6-8	NOMENCLATURE PAGE B6-10	SELECTION - METRIC PAGE B6-61
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D-LOK

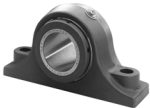
Type E Family

Specialty Tapered

S-2000

UNISPHERE II

NOTES



FEATURES/BENEFITS PAGE B6-3	SPECIFICATION PAGE B6-8	NOMENCLATURE PAGE B6-10	SELECTION - METRIC PAGE B6-61
--------------------------------	----------------------------	----------------------------	----------------------------------



S-2000

Features/Benefits	B8-3
Specification	B8-5
How To Order	B8-6
Nomenclature	B8-7
Selection	B8-9
Dimension	
Pillow Block.	B8-18
Flange Bearing	B8-26
Piloted Flange.	B8-32
Wide Slot Take-Up	B8-36
TP Take-Up.	B8-40
Bearing Insert.	B8-42
End Caps	B8-44
Interchange Chart	B8-46
Part Number Index	INDEX-1
Keyword Index.	INDEX-34

NOTES



D-LOK

Type E Family

Specialty Tapered

S-2000

UNISPHERE II

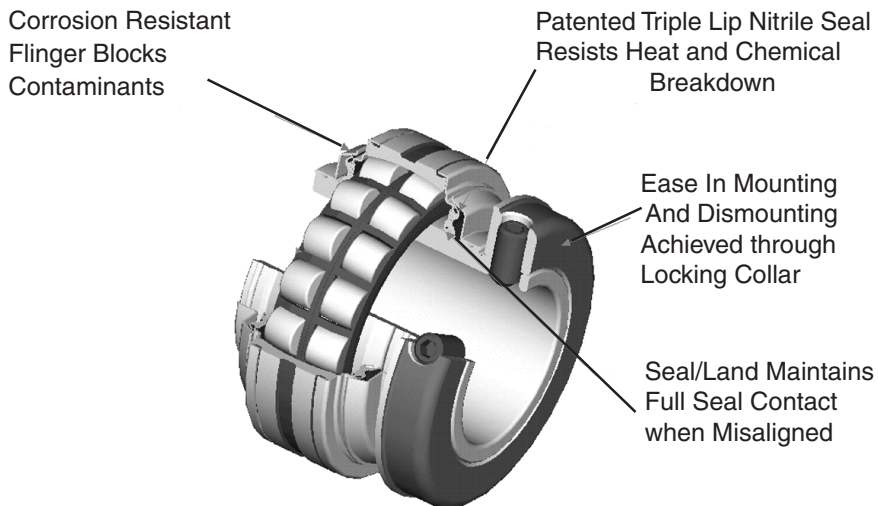


S-2000

Longer Bearing Life By Design . . .

High capacity double row spherical rollers offer up to 250% more L_{10} life than competitive brands

- Larger rollers
- More contact area
- Case-carburized inner rings resist cracking
- Static or dynamic misalignment up to $\pm 1^\circ$
- Expansion capability up to 3/8" (9.5mm)



Installation Savings . . .

- Factory lubed, sealed and adjusted, ready to slip onto the shaft
- 65° Springlok collar mount for increased holding power versus 90° or 120°
- Field convertible from non-expansion to expansion and expansion to non-expansion
- Elongated pillow block bolt holes to facilitate mounting



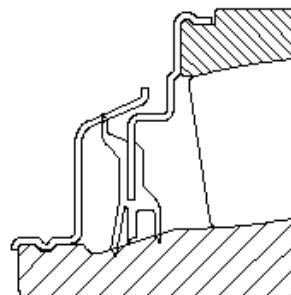
FEATURES/BENEFITS

S-2000

S-2000 Bearings Offer Patented Seal Options To Maximize Bearing Life . . .

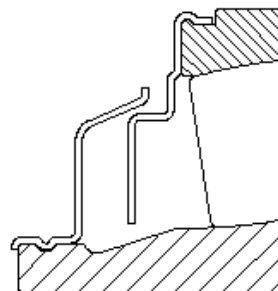
TRIDENT™ Seals for low to medium speed

- Face rubbing triple lip seal
- Flinger to shield seal and bearing from contamination/damage
- Seal/land positive contact up to $\pm 1^\circ$ degree of misalignment
- Patented design



Labyrinth seals for higher speeds

- High speed for relatively clean environments
- Flinger shields seal and bearing from contamination/damage
- Seal operates with up to $\pm 1^\circ$ degree of misalignment
- Patented design



SPECIFICATION



S-2000 INCH

DODGE Spherical Bearings, including S-2000 bearings, are general purpose, high-capacity, double-row spherical roller bearings. All are mounted in single piece precision machined housings. Bearings are mounted to shafts by means of set screw collars, with 65 degree set screw spacing for maximum clamping force.

ASTM A48 Class 30 cast iron is the standard material used in S-2000 housings. Housing designs are available for survival in extreme harsh environments, through the use of special finishes and stainless hardware.

Housings are available in a variety of standard configurations, including pillow blocks, flanges, piloted flanges and take-up bearings. TRIDENT triple lip contact seal and Labyrinth seals are available on S-2000 bearings.



D-LOK

Type E Family

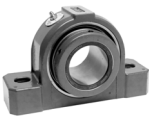
Speciality Tapered

S-2000

UNISPHERE II

FEATURES/BENEFITS PAGE B8-3	NOMENCLATURE PAGE B8-7	DIMENSION PAGE B8-18	INTERCHANGE CHARTS PAGE B8-46
--------------------------------	---------------------------	-------------------------	----------------------------------

HOW TO ORDER



S-2000

There are two ways to specify DODGE Bearings. Most of the product offerings have part numbers with listings shown throughout this catalog. Use of part numbers ensures accurate order processing.

When part numbers are not shown, the product may be specified by description or part name. This method is used when ordering units that include modifications or options. To order by description, use the nomenclature key shown on page B8-7 and add any special instructions to the end of the description for options not covered by the nomenclature.

DODGE Spherical Bearings are factory adjusted and pre-lubricated. For applications where extreme ambient temperatures, high speeds, or high loads are expected, a variety of specialty lubricants is available. Standard

grease provided is lithium complex base Mobilith AW2. High temperature greases available include Moluballoy 896 HT and Mobilith SHC460. Other special lubricants are available upon request. Special lubricant options usually involve set-up charges, minimum quantities and list price premiums. To order, specify type of lubricant required at the end of the product name or after the standard part number.

Example: 070320 except with Mobilith SHC 460 grease
or
P2BS2108L except with Mobilith SHC 460 grease

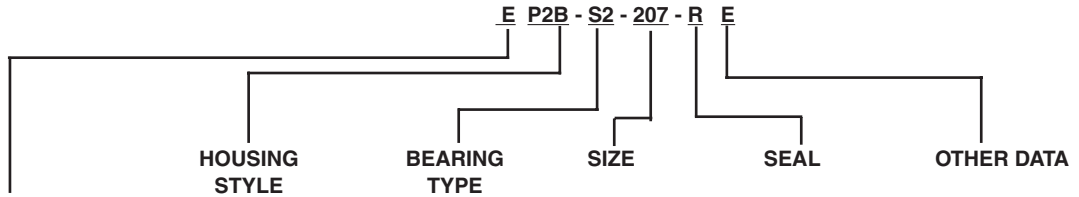
For applications requiring modifications not listed, we encourage you to contact our Application Engineering Department for Bearings at 864-284-5700.

FEATURES/BENEFITS PAGE B8-3	NOMENCLATURE PAGE B8-7	DIMENSION PAGE B8-18	INTERCHANGE CHARTS PAGE B8-46
--------------------------------	---------------------------	-------------------------	----------------------------------

NOMENCLATURE



S-2000



“E” prefix denotes Type E dimensioned housing with S2000 spherical roller bearing insert *

- P2B = Pillow Block 2 Bolt Base, Cast Iron
- P4B = Pillow Block 4 Bolt Base, Cast Iron
- F3R = Flange Bearing 3 Bolt, Cast Iron, Round
- F4S = Flange Bearing 4 Bolt, Cast Iron, Square
- F4R = Flange Bearing 4 Bolt, Cast Iron, Round
- FC = Piloted Flanged (Flanged Cartridge)
- WSTU = Wide Slot Take-Up Bearing For Use In Center-Pull Frames
- TPHU = TPHU Take-up Bearing For Use In TPHU Or Top Angle Take-Up Frames

S2 = S-2000

Inches and 16th

2 = 2”
07 = 7/16”
207 = 2-7/16”

- R = TRIDENT Triple Lip Rubbing Seal
- L = Labyrinth Metallic Seal

E = Expansion Type Bearing - If “E” Does Not Appear, Bearing Is Non Expansion Type

* Available in two or four bolt pillow blocks, four bolt square flanges, and piloted flanges

FEATURES/BENEFITS PAGE B8-3	HOW TO ORDER PAGE B8-6	DIMENSION PAGE B8-18	INTERCHANGE CHARTS PAGE B8-46
--------------------------------	---------------------------	-------------------------	----------------------------------

FEATURES/BENEFITS

DODGE®

E-S2000



- Interchangeable with Type E style pillow blocks and flanges
- Same proven DODGE S2000 double row spherical insert
- 65° springlock collar mounting
- Up to $\pm 1^\circ$ misalignment capability
- Seal land on OD of inner ring maintains full contact pressure even when misaligned
- High capacity double row spherical bearing
- 2 bolt pillow blocks in sizes 1-3/8 to 3-7/16"
- 4 bolt pillow blocks in sizes 2-7/16 to 4-15/16"
- Flange bearings in sizes 1-3/8 to 4-7/16"
- Piloted flange bearings in sizes 1-3/8 to 4-15/16"



S-2000 SPHERICAL ROLLER BEARINGS

DODGE Spherical Roller Bearings have the capacity to carry heavy radial loads and combined radial and thrust loads. The maximum recommended load which can be applied is limited by various components in the system such as bearing, housing, shaft, shaft attachment, speed and life requirements as listed in this catalog. DODGE spherical roller bearings have been applied successfully even when these limits have been exceeded under controlled operating conditions. Contact DODGE Application Engineering (864-281-2195) for applications which exceed the recommendations of this catalog.

L₁₀ Hours Life - The life which may be expected from at least 90% of a given group of bearings operating under identical conditions.

$$L_{10} \text{ Life, Hours} = \left(\frac{C}{P}\right)^{10/3} \times \left(\frac{16667}{\text{RPM}}\right)$$

Where: C = Dynamic Capacity (Table 1 on page B8-12)
lbs.

P = Equivalent Radial Load, lbs.

GENERAL

Heavy Service - For heavy shock loads, frequent shock loads, or severe vibrations, add up to 50% (according to severity of conditions) to the Equivalent Radial Load to obtain a Modified Equivalent Radial Load. Consult DODGE Application Engineering for additional selection assistance.

Thrust load values shown in the table below are recommended as a guide for general applications that will give adequate L₁₀ life. Spherical bearings require a radial load at least equal to the thrust load for proper operation. If the thrust load exceeds this limit, consult Application Engineering. Where substantial radial load is also present, it is advisable to calculate actual L₁₀ life to assure that it meets the requirements. The effectiveness of the shaft attachment to carry thrust load depends on proper

tightening of the set screws, shaft tolerance and shaft deflections. Therefore, it is advisable to use auxiliary thrust carrying devices such as shaft shoulder, snap ring or a thrust collar to locate the bearing under thrust loads heavier than shown below, or where extreme reliability is desired.

RPM	20-200	201-2000	over 2000
RECOMMENDED THRUST LOAD	C/20	C/40	C/60

The shaft tolerances recommended below are adequate for normal radial and radial/thrust load applications. The radial load is limited by the attachment to the shaft (see Table 1 on page B8-12). Where the applied radial load (FR) exceeds this limit (maximum allowable slip fit radial load), a snug-to-light press fit of the shaft is required. Since the allowable load, especially at a low speed, is very large, the shaft should be checked to assure adequate shaft strength.

The magnitude and direction of both the thrust and radial load must be taken into account when selecting a housing. **When pillow blocks are utilized, heavy loads should be directed through the base. Where uplift loads are involved, see Table 4 on page B8-16 and for maximum values.** Where a load pulls the housing away from the mounting base, both the hold-down bolts and housing must be of adequate strength. Auxiliary load carrying devices such as shear bars are advisable for side or end loading of pillow blocks and radial loads for flange units.

SHAFT TOLERANCES

SHAFT SIZE	S-2000
UP TO 1-1/2"	+.0000 -.0005"
1-9/16 TO 4"	+.000 -.001"
4-7/16 TO 5"	+.000 -.0015"

FEATURES/BENEFITS PAGE B8-3	NOMENCLATURE PAGE B8-7	DIMENSION PAGE B8-18	INTERCHANGE CHARTS PAGE B8-46
--------------------------------	---------------------------	-------------------------	----------------------------------

SELECTION

DODGE®


S-2000

BEARING SUPPORTING RADIAL LOADS ONLY

1. Define L_{10} Life Hours desired.
2. Establish bearing radial load, F_R
($F_R = P$ for Pure Radial Load Conditions). The DODGE program BEST™★ can be used to find application loads.
3. Establish RPM.

Using the easy selection Table 2 on page B8-13, find, under the RPM column, the equivalent radial load that equals or is slightly higher than the application radial load for the desired life. The shaft size on the far left will be the minimum shaft size that you can use for your application.

If the desired life is different than the values shown on the chart, use alternate Method A shown below.

Example: 1. L_{10} Life = 30,000 Hours

2. Radial load = 4000 lbs.

3. RPM = 1,000

At the intersection of the 1,000 RPM column and the 30,000 hours L_{10} life row, the equivalent radial load of 4011 lbs. exceeds the 4000 lbs. radial load for shaft size 2-7/16". A bearing with bore 2-7/16", or larger, may be used for this application.

ALTERNATE METHOD A - SELECTING A BEARING FOR AN L_{10} LIFE VALUE NOT SHOWN IN THE EASY SELECTION CHART.

The L_{10} life equation can be rearranged so that the bearing dynamic capacity **C** is identified in terms of L_{10} , RPM and **P**

$$C = \left(\frac{L_{10} \times \text{RPM}}{16667} \right)^{0.3} \times P$$

($P = F_R$ for Pure Radial Load Conditions)

★The DODGE Bearing Evaluation and Selection Technique (BEST) is a menu driven computer program that calculates bearing loads, fatigue life and operating temperature for a two bearing shaft system based on user supplied input parameters. To order, call (864) 297-4800.

Since the L_{10} , RPM and **P** are known, solve for **C**. Select from the dynamic capacity column on Table 1 on page B8-12 the **C** value equal to or greater than the **C** value just calculated. The bore size on the far left represents the proper bore size selection. Check that the application RPM does not exceed the MAX. RPM on Table 1. Also check that the radial load does not exceed the Maximum Allowable Slip Fit Radial Load shown on Table 1 on page B8-12. If it does, a line-to-line to light press fit of shaft is required. When selecting an L_{10} life of less than 30,000 hours, particular attention must be paid to shaft deflection and proper lubricant selection.

SELECTING BEARINGS SUPPORTING COMBINATION RADIAL AND THRUST LOADS

When a bearing supports both a radial load and a thrust load, the loading on the two rows is shared unequally depending on the ratio of thrust to radial load. The use of the **X** (radial factor) and **Y** (thrust factor) from Table 1 converts the applied thrust load and radial loads to an equivalent radial load having the same effect on the life of the bearing as a radial load of this magnitude.

The equivalent radial load $P = XF_R + YF_A$

Where:

P = Equivalent radial load, lbs.

F_R = Radial load, lbs. (see Table 1 for allowable slip fit maximum load)

F_A = Thrust (axial) load, lbs.

e = Thrust load to radial load factor (Table 1)

X = Radial load factor (Table 1)

Y = Thrust load factor (Table 1)

FEATURES/BENEFITS PAGE B8-3	NOMENCLATURE PAGE B8-7	DIMENSION PAGE B8-18	INTERCHANGE CHARTS PAGE B8-46
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S-2000

To find X and Y, calculate F_A/F_R and compare to **e** for the selected bore size. Determine X and Y from Table 1 on page B8-12 depending on whether F_A/F_R is equal to or less than **e**, or F_A/F_R is greater than **e**. Substitute all known values into the equivalent radial load equation. P (equivalent radial load) can be used in the life formula to determine L_{10} , or it can be compared to the allowable equivalent radial load ratings for the speed and hours life desired in the easy selection Table 2 on page B8-13

SELECTING BEARINGS SUPPORTING ONLY THRUST LOADS

Spherical Roller Bearings generally are not recommended for pure thrust load applications. However, they will perform satisfactorily under very light pure thrust loads. Consult DODGE Application Engineering (864-281-2195).

SELECTING LUBRICATION

DODGE S-2000 spherical roller bearings are lubricated at the factory with Mobilith AW2 grease. Mobilith AW2 grease is a superior industrial grease using a lithium complex thickener and highly refined base oil. This grease will adequately handle low and medium speeds with low and medium loads at normal temperatures as defined on Table 3 on page B8-15. For very low and high speeds, for heavy loads and for low and high temperatures, special greases must be used. Contact DODGE Application Engineering (864-281-2195). DODGE engineers will

recommend bearings and lubricants for the above unusual conditions. DODGE also has the expertise to custom design and build special bearings for your needs. The only maintenance requirement for DODGE Unitized roller bearings is periodic relubrication at regular intervals as outlined in the appropriate instruction manuals.

MISALIGNMENT CONSIDERATIONS

In nearly all applications, good design practice requires two bearings supporting the shaft. In cases where three or more bearings are installed, unless precautions are taken to line the bearings up both vertically and horizontally, it is possible to induce heavy loads. In the case of two bearings, alignment is not as critical, especially with DODGE Unitized Spherical Roller Bearings. S-2000 bearings are designed to allow a maximum of $\pm 1^\circ$ of static and dynamic misalignment. However, for optimum seal performance, misalignment should be kept under $\pm 0.5^\circ$. To ensure good alignment, mounting surfaces must be checked for flatness and must lie in the same plane. When tightening base bolts, each bolt should be alternately tightened in incremental torque values until full torque is achieved to prevent the angular shifting of the pillow block that occurs when one bolt is tightened to its full torque. Shimmiing may be required to minimize misalignment.

FEATURES/BENEFITS PAGE B8-3	NOMENCLATURE PAGE B8-7	DIMENSION PAGE B8-18	INTERCHANGE CHARTS PAGE B8-46
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S-2000

Table 1: S-2000 Spherical Roller Bearings

Shaft Size Inches	Basic Bearing Description	e	$F_A/F_R < e$		$F_A/F_R > e$		Max. Allowable Slip Fit Radial Load F_R^* Pounds	Dynamic Capacity (C) Pounds	Static Capacity Co	Maximum Speed **	
			X	Y	X	Y				Labyrinth RPM	TRIDENT Triple Lip RPM
1-3/8 1-7/16 1-1/2	22208	0.28	1.0	2.4	0.67	3.6	3,750	20,800	21,200	3,600	2,900
1-11/16 1-3/4	22209	0.26	1.0	2.6	0.67	3.9	3,750	20,800	23,600	3,360	2,460
1-15/16 2	22210	0.24	1.0	2.8	0.67	4.2	4,000	22,000	26,500	3,180	2,200
2-3/16	22211	0.23	1.0	2.9	0.67	4.3	4,860	27,000	32,500	2,700	1,950
2-7/16	22213	0.24	1.0	2.8	0.67	4.2	6,840	39,000	47,500	2,250	1,740
2-11/16 2-15/16 3	22215	0.22	1.0	3.1	0.67	4.6	7,500	41,500	53,000	2,040	1,490
3-7/16	22218	0.23	1.0	2.9	0.67	4.3	11,500	65,500	81,500	1,560	1,280
3-15/16	22220	0.24	1.0	2.8	0.67	4.2	14,400	83,000	104,000	1,320	1,075
4-7/16	22222	0.25	1.0	2.7	0.67	4.1	18,400	104,000	132,000	1,200	990
4-15/16	22226	0.26	1.0	2.6	0.67	3.9	25,700	146,000	196,000	1,020	870

* If load exceeds the maximum allowable slip fit load, line- to-line to light press fit of shaft required. Maximum slip fit radial loads apply if recommended shaft sizes are used.

** Maximum speed is dependent on load and ambient conditions, consult DODGE Engineering.



S-2000

Table 2: Easy Selection Table for S-2000 Double Row Spherical Roller Bearings

Shaft Size Inches	L10 Life Hours	Allowable Equivalent Radial Load Rating (lbs.) at Various Revolutions per Minute																	
		50	100	150	250	500	870	1,020	1,200	1,320	1,560	1,750	2,040	2,250	2,700	3180	3360	3600	
1-3/8 to 1-1/2	10,000	7,209	6,090	5,393	4,626	3,758	3,182	3,034	2,890	2,808	2,671	2,581	2,465	2,393	1,495	2,157	2,122	2,078	
	30,000	5,393	4,380	3,878	3,327	2,703	2,289	2,182	2,078	2,020	1,921	1,856	1,773	1,721	1,495	1,552	1,526	1,495	
	40,000	4,947	4,018	3,558	3,052	2,479	2,100	2,002	1,907	1,853	1,762	1,703	1,626	1,579	1,495	1,423	1,400	1,371	
	60,000	4,380	3,558	3,150	2,703	2,195	1,859	1,773	1,688	1,641	1,560	1,508	1,440	1,398	1,324	1,260	1,240	1,214	
	100,000	3,758	3,052	2,703	2,319	1,883	1,595	1,521	1,448	1,407	1,339	1,293	1,235	1,199	1,136	1,081	1,063	1,042	
1-11/16 to 1-3/4	10,000	7,498	6,090	5,393	4,626	3,758	3,182	3,034	2,890	2,808	2,671	2,581	2,465	1,579	2,266	2,157	2,122		
	30,000	5,393	4,380	3,878	3,327	2,703	2,289	2,182	2,078	2,020	1,921	1,856	1,773	1,579	1,630	1,552	1,526		
	40,000	4,947	4,018	3,558	3,052	2,479	2,100	2,002	1,907	1,853	1,762	1,703	1,626	1,579	1,495	1,423	1,400		
	60,000	4,380	3,558	3,150	2,703	2,195	1,859	1,773	1,688	1,641	1,560	1,508	1,440	1,398	1,324	1,260	1,240		
	100,000	3,758	3,052	2,703	2,319	1,883	1,595	1,521	1,448	1,407	1,339	1,293	1,235	1,199	1,136	1,081	1,063		
1-15/16 to 2	10,000	7,930	6,441	5,704	4,893	3,975	3,366	3,209	3,057	2,970	2,825	2,729	1,720	2,531	2,396	2,282			
	30,000	5,704	4,633	4,102	3,519	2,859	2,421	2,308	2,198	2,136	2,032	1,963	1,720	1,820	1,724	1,641			
	40,000	5,232	4,250	3,763	3,228	2,622	2,221	2,117	2,017	1,960	1,864	1,801	1,720	1,670	1,581	1,505			
	60,000	4,633	3,763	3,332	2,859	2,322	1,966	1,875	1,786	1,735	1,650	1,594	1,523	1,479	1,400	1,333			
	100,000	3,975	3,228	2,859	2,452	1,992	1,687	1,608	1,532	1,489	1,416	1,368	1,306	1,269	1,201	1,144			
2-3/16	10,000	9,733	7,905	7,000	6,005	4,878	4,131	3,939	3,751	3,645	3,467	2,210	3,199	3,106	2,941				
	30,000	7,000	5,686	5,035	4,319	3,508	2,971	2,833	2,698	2,622	2,494	2,210	2,301	2,234	2,115				
	40,000	6,421	5,216	4,618	3,962	3,218	2,726	2,599	2,475	2,405	2,288	2,210	2,111	2,050	1,940				
	60,000	5,686	4,618	4,089	3,508	2,850	2,413	2,301	2,191	2,130	2,026	1,957	1,869	1,815	1,718				
	100,000	4,878	3,962	3,508	3,010	2,445	2,070	1,974	1,880	1,827	1,738	1,679	1,603	1,557	1,474				
2-7/16	10,000	13,698	11,126	9,852	8,452	6,865	5,814	5,543	5,279	5,131	3,219	4,714	4,502	4,372					
	30,000	9,852	8,002	7,086	6,079	4,938	4,182	3,987	3,797	3,690	3,219	3,391	3,238	3,144					
	40,000	9,037	7,340	6,500	5,576	4,529	3,836	3,657	3,483	3,385	3,219	3,110	2,971	2,884					
	60,000	8,002	6,500	5,755	4,938	4,011	3,397	3,238	3,084	2,997	2,851	2,754	2,630	2,554					
	100,000	6,865	5,576	4,938	4,236	3,441	2,914	2,778	2,646	2,571	2,446	2,363	2,257	2,191					
2-11/16 to 3	10,000	14,959	12,151	10,759	9,230	7,497	6,350	6,054	5,766	3,697	5,329	5,149	4,917						
	30,000	10,759	8,739	7,738	6,639	5,392	4,567	4,354	4,147	3,697	3,833	3,703	3,537						
	40,000	9,870	8,017	7,098	6,090	4,946	4,189	3,994	3,804	3,697	3,516	3,397	3,244						
	60,000	8,739	7,098	6,285	5,392	4,380	3,709	3,537	3,368	3,273	3,113	3,008	2,873						
	100,000	7,497	6,090	5,392	4,626	3,758	3,182	3,034	2,890	2,808	2,671	2,580	2,464						
3-7/16	10,000	23,611	19,178	16,981	14,569	11,833	10,022	9,555	6,004	8,844	8,411								
	30,000	16,981	13,793	12,213	10,478	8,511	7,208	6,872	6,004	6,360	6,050								
	40,000	15,577	12,653	11,203	9,612	7,807	6,612	6,304	6,004	5,835	5,549								
	60,000	13,793	11,203	9,920	8,511	6,913	5,855	5,582	5,316	5,166	4,914								
	100,000	11,833	9,612	8,511	7,302	5,931	5,023	4,789	4,561	4,432	4,216								

Only the labyrinth seal (L seal) may be used to the right of the heavy line.

In the light shaded area, a line-to-line to light press fit on the shaft is required.

For applications in the dark shaded area, the maximum load for the specific speed is shown. The load does not correspond to the L_{10} shown at the left.

FEATURES/BENEFITS PAGE B8-3	NOMENCLATURE PAGE B8-7	DIMENSION PAGE B8-18	INTERCHANGE CHARTS PAGE B8-46
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S-2000

Table 2: Easy Selection Table for S-2000 Double Row Spherical Roller Bearings (continued)

Shaft Size Inches	L10 Life Hours	Allowable Equivalent Radial Load Rating (lbs.) at Various Revolutions per Minute																
		50	100	150	250	500	870	1,020	1,200	1,320	1,560	1,750	2,040	2,250	2,700	3180	3360	3600
3-15/16	10,000	29,919	24,302	21,518	18,461	14,995	12,699	7,988	11,531	11,206								
	30,000	21,518	17,478	15,476	13,278	10,785	9,134	7,988	8,294	8,060								
	40,000	19,739	16,033	14,197	12,180	9,893	8,378	7,988	7,608	7,393								
	60,000	17,478	14,197	12,571	10,785	8,760	7,419	7,073	6,737	6,547								
	100,000	14,995	12,180	10,785	9,252	7,515	6,365	6,068	5,779	5,616								
4-7/16	10,000	37,489	30,450	26,963	23,132	18,789	10,498	15,171	14,449									
	30,000	26,963	21,901	19,392	16,637	13,513	10,498	10,911	10,392									
	40,000	24,733	20,090	17,789	15,261	12,396	10,498	10,009	9,533									
	60,000	21,901	17,789	15,751	13,513	10,976	9,296	8,863	8,441									
	100,000	18,789	15,261	13,513	11,593	9,417	7,975	7,603	7,242									
4-15/16	10,000	52,628	42,747	37,851	32,473	26,377	14,738	21,298										
	30,000	37,851	30,745	27,224	23,356	18,971	14,738	15,318										
	40,000	34,722	28,203	24,973	21,424	17,402	14,738	14,051										
	60,000	30,745	24,973	22,112	18,971	15,409	13,050	12,442										
	100,000	26,377	21,424	18,971	16,275	13,220	11,196	10,674										

Only the labyrinth seal (L seal) may be used to the right of the heavy line.

In the light shaded area, a line-to-line to light press fit on the shaft is required.

For applications in the dark shaded area, the maximum load for the specific speed is shown. The load does not correspond to the L₁₀ shown at the left.



S-2000

D-LOK

Type E Family

Specialty Tapered

S-2000

UNISPHERE II

Table 3: Definition Of Operating Conditions For Unitized Spherical Roller Bearings

LOW SPEED	UP TO 20% OF MAX. RPM (TABLE 1)
MEDIUM SPEED	OVER 20% TO 80% OF MAX. RP
HIGH SPEED	MOVER 80% OF MAX. RPM
LIGHT LOAD	UP TO 8% OF C (TABLE 1)
NORMAL LOAD	OVER 8% TO 18% OF C
HEAVY LOAD	OVER 18% OF C
	C = DYNAMIC CAPACITY
LOW TEMPERATURE	-20 to -100°F
MEDIUM TEMPERATURE	OVER 20°F TO 200°F
HIGH TEMPERATURE	OVER 200°F TO 250°F

FEATURES/BENEFITS PAGE B8-3	NOMENCLATURE PAGE B8-7	DIMENSION PAGE B8-18	INTERCHANGE CHARTS PAGE B8-46
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SELECTION



S-2000

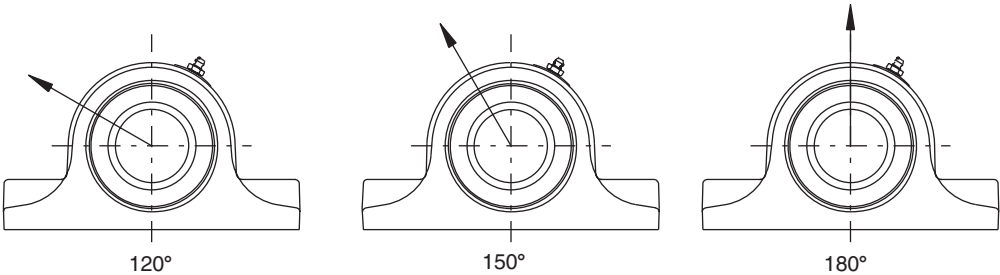


Table 4: S-2000 Housing Rating, 2-Bolt, Cast Iron*

Bore Size	Maximum Recommended Housing Cap Loads, lb		
	120°	150°	180°
1-3/8 to 1-1/2	2110	2640	3100
1-5/8 to 1-3/4	2380	2980	3500
1-15/16 to 2	3130	3910	4600
2-3/16	3330	4160	4900
2-7/16	3330	4160	4900
2-11/16 to 3	4420	5520	6500
3-3/16 to 3-7/16	4620	5780	6800
3-15/16	7500	9350	11000

- * When utilizing heavy cap loads on pillow block housings, the installation must adhere to the following procedures:
1. The pillow block base bolts must be of high strength (Grade 8) bolts and properly tightened to mounting structure.
 2. Stop bars (shear strips) should be used against the plummer block where side loads are encountered.
 3. In all cases where loads are heavy, the L_{10} life of the bearing should be checked for proper selection and life requirements.

FEATURES/BENEFITS PAGE B8-3	NOMENCLATURE PAGE B8-7	DIMENSION PAGE B8-18	INTERCHANGE CHARTS PAGE B8-46
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S-2000

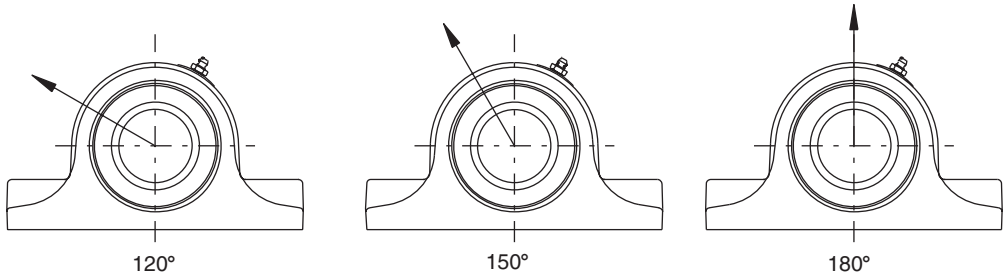


Table 5: S-2000 Housing Rating, 4-Bolt, Cast Iron*

Bore Size	Maximum Recommended Housing Cap Loads, lb		
	120°	150°	180°
1-15/16 - 2	3200	4000	4700
2-3/16	3300	4100	4800
2-7/16	3810	4760	5600
2-11/16 to 3	4620	5780	6800
3-7/16	4700	5870	6900
3-15/16	7500	9350	11000
4-7/16	9900	12330	14500
4-15/16	13400	16750	19700

- * When utilizing heavy cap loads on pillow block housings, the installation must adhere to the following procedures:
1. The pillow block base bolts must be of high strength (Grade 8) bolts and properly tightened to mounting structure.
 2. Stop bars (shear strips) should be used against the plummer block where side loads are encountered.
 3. In all cases where loads are heavy, the L_{10} life of the bearing should be checked for proper selection and life requirements.

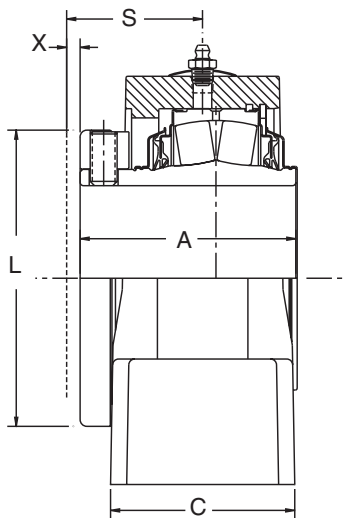
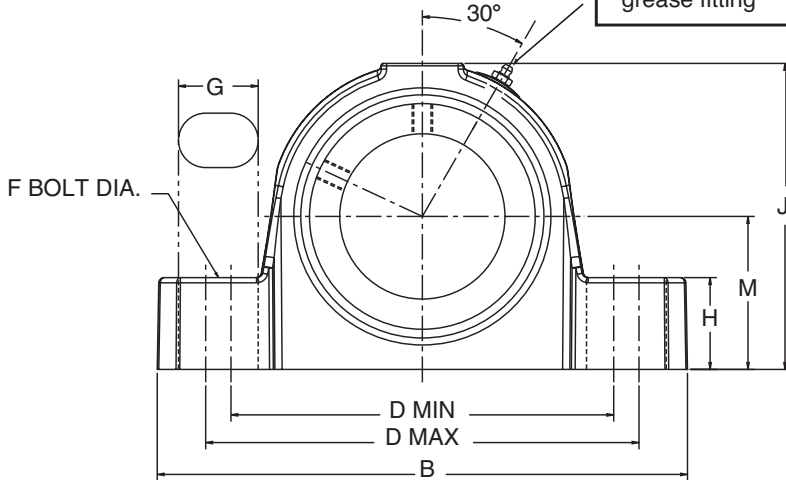
FEATURES/BENEFITS PAGE B8-3	NOMENCLATURE PAGE B8-7	DIMENSION PAGE B8-18	INTERCHANGE CHARTS PAGE B8-46
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DIMENSIONS

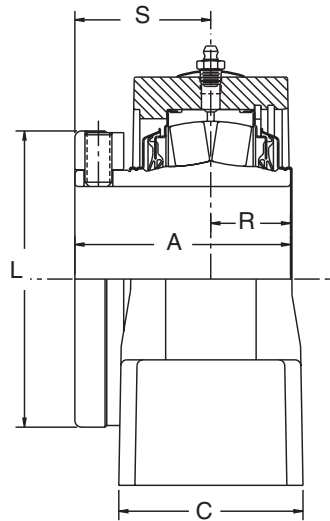
DODGE®


S-2000 Pillow Block 2-BOLT BASE - INCH

NOTE: All sizes use a 1/8-27 NPT hydraulic grease fitting



EXPANSION



NON-EXPANSION

FEATURES/BENEFITS
PAGE B8-3

NOMENCLATURE
PAGE B8-7

SELECTION
PAGE B8-9

INTERCHANGE CHARTS
PAGE B8-46

DIMENSIONS



S-2000 Pillow Block 2-BOLT BASE - INCH

Bearing	Shaft Size Inch	TRIDENT Seal				Labyrinth Seal			
		Non-Expansion		Expansion		Non-Expansion		Expansion	
		Part No.	Part Name	Part No.	Part Name	Part No.	Part Name	Part No.	Part Name
22208	1-3/8	070272	P2B-S2-106R	070295	P2B-S2-106RE	070318	P2B-S2-106L	070341	P2B-S2-106LE
	1-7/16	070273	P2B-S2-107R	070296	P2B-S2-107RE	070319	P2B-S2-107L	070342	P2B-S2-107LE
	1-1/2	070274	P2B-S2-108R	070297	P2B-S2-108RE	070320	P2B-S2-108L	070343	P2B-S2-108LE
22209	1-11/16	070276	P2B-S2-111R	070299	P2B-S2-111RE	070322	P2B-S2-111L	070345	P2B-S2-111LE
	1-3/4	070277	P2B-S2-112R	070300	P2B-S2-112RE	070323	P2B-S2-112L	070346	P2B-S2-112LE
22210	1-15/16	070278	P2B-S2-115R	070301	P2B-S2-115RE	070324	P2B-S2-115L	070347	P2B-S2-115LE
	2	070279	P2B-S2-200R	070302	P2B-S2-200RE	070325	P2B-S2-200L	070348	P2B-S2-200LE
22211	2-3/16	070280	P2B-S2-203R	070303	P2B-S2-203RE	070326	P2B-S2-203L	070349	P2B-S2-203LE
22213	2-7/16	070282	P2B-S2-207R	070305	P2B-S2-207RE	070328	P2B-S2-207L	070351	P2B-S2-207LE
22215	2-11/16	070284	P2B-S2-211R	070307	P2B-S2-211RE	070330	P2B-S2-211L	070353	P2B-S2-211LE
	2-15/16	070285	P2B-S2-215R	070308	P2B-S2-215RE	070331	P2B-S2-215L	070354	P2B-S2-215LE
	3	070286	P2B-S2-300R	070309	P2B-S2-300RE	070332	P2B-S2-300L	070355	P2B-S2-300LE
22218	3-7/16	070288	P2B-S2-307R	070311	P2B-S2-307RE	070334	P2B-S2-307L	070357	P2B-S2-307LE
22220	3-15/16	070290	P2B-S2-315R	070313	P2B-S2-315RE	070336	P2B-S2-315L	070359	P2B-S2-315LE

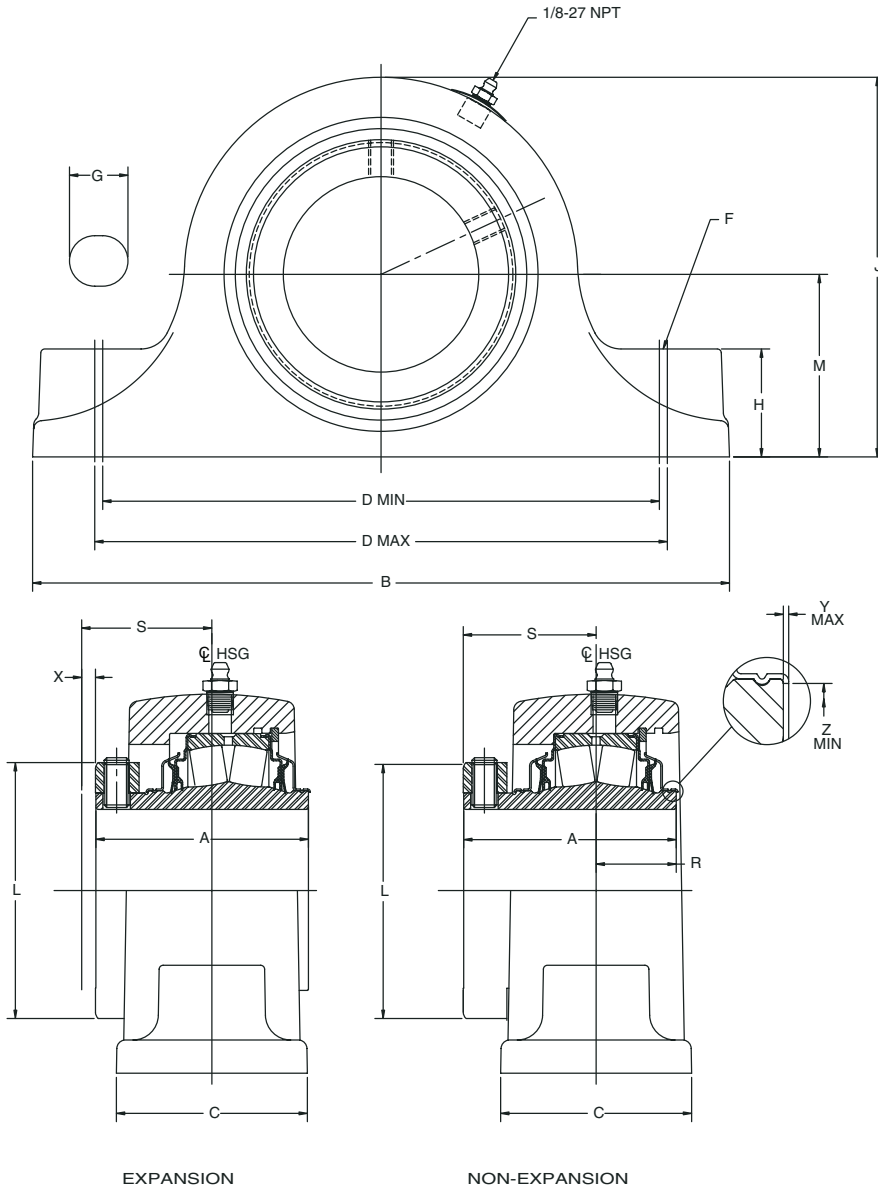
SHAFT SIZE	A	B	C	D		F BOLT DIA.	G	H	J	L	M	R	S	X TOTAL EXP.
				MIN	MAX									
1-3/8														
1-7/16	2-17/32	6-7/8	1-61/64	4-13/16	5-13/64	1/2	13/16	1-1/8	3-7/8	2-3/4	1-7/8	7/8	1-21/32	3/16
1-1/2														
1-11/16	2-43/64	7-3/8	2-1/16	5-5/16	5-45/64	1/2	13/16	1-1/4	4-17/64	3-3/16	2-1/8	13/16	1-55/64	1/4
1-3/4														
1-15/16	2-27/32	8-3/8	2-1/2	6-1/16	6-7/16	5/8	61/64	1-5/16	4-9/16	3-7/16	2-1/4	55/64	1-63/64	1/4
2														
2-3/16	2-15/16	8-7/8	2-5/8	6-9/16	6-15/16	5/8	61/64	1-1/2	5	3-3/4	2-1/2	29/32	2-1/32	1/4
2-7/16	3-13/64	9-1/4	2-55/64	6-15/16	7-5/16	5/8	61/64	1-5/8	5-19/32	4-1/16	2-3/4	1-7/32	1-63/64	1/4
2-11/16														
2-15/16	3-19/32	10-7/16	3-5/64	7-15/16	8-5/16	3/4	1-1/16	1-7/8	6-3/8	4-45/64	3-1/4	1-15/64	2-23/64	1/4
3														
3-7/16	4-1/64	13	3-27/64	9-3/8	10-5/8	7/8	1-5/8	2-1/4	7-1/2	5-1/2	3-3/4	1-7/16	2-37/64	1/4
3-15/16	4-15/32	15-1/4	3-29/32	10-5/8	12-7/8	1	2-1/4	2-7/16	8-3/8	6	4-1/4	1-41/64	2-53/64	5/16

FEATURES/BENEFITS PAGE B8-3	NOMENCLATURE PAGE B8-7	SELECTION PAGE B8-9	INTERCHANGE CHARTS PAGE B8-46
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DIMENSIONS

DODGE®


S-2000 Pillow Block with Type E Dimensions 2 BOLT


 FEATURES/BENEFITS
PAGE B8-3

 NOMENCLATURE
PAGE B8-7

 SELECTION
PAGE B8-9

 INTERCHANGE CHARTS
PAGE B8-46

DIMENSIONS



S-2000 Pillow Block with Type E Dimensions 2 BOLT

Bearing Series	Shaft Size*	TRIDENT Seal				Labyrinth Seal			
		Non Expansion		Expansion		Non Expansion		Expansion	
		Part No.	Part Name	Part No.	Part Name	Part No.	Part Name	Part No.	Part Name
22208	1-3/8	071389	EP2B-S2-106R	071400	EP2B-S2-106RE	071411	EP2B-S2-106L	071422	EP2B-S2-106LE
	1-7/16	071390	EP2B-S2-107R	071401	EP2B-S2-107RE	071412	EP2B-S2-107L	071423	EP2B-S2-107LE
22209	1-11/16	071391	EP2B-S2-111R	071402	EP2B-S2-111RE	071413	EP2B-S2-111L	071424	EP2B-S2-111LE
22210	1-15/16	071392	EP2B-S2-115R	071403	EP2B-S2-115RE	071414	EP2B-S2-115L	071425	EP2B-S2-115LE
	2	071393	EP2B-S2-200R	071404	EP2B-S2-200RE	071415	EP2B-S2-200L	071426	EP2B-S2-200LE
22211	2-3/16	071394	EP2B-S2-203R	071405	EP2B-S2-203RE	071416	EP2B-S2-203L	071427	EP2B-S2-203LE
22213	2-7/16	071395	EP2B-S2-207R	071406	EP2B-S2-207RE	071417	EP2B-S2-207L	071428	EP2B-S2-207LE
22215	2-11/16	071396	EP2B-S2-211R	071407	EP2B-S2-211RE	071418	EP2B-S2-211L	071429	EP2B-S2-211LE
	2-15/16	071397	EP2B-S2-215R	071408	EP2B-S2-215RE	071419	EP2B-S2-215L	071430	EP2B-S2-215LE
	3	071398	EP2B-S2-300R	071409	EP2B-S2-300RE	071420	EP2B-S2-300L	071431	EP2B-S2-300LE
22218	3-7/16	071399	EP2B-S2-307R	071410	EP2B-S2-307RE	071421	EP2B-S2-307L	071432	EP2B-S2-307LE

*CONSULT DODGE FOR SIZES NOT LISTED

Shaft Size	A	B#	C#	D Min	D Max	F Bolt Dia.	G#	H#	J#	L	M	R	S	X Total Exp.	Y	Z	Set Screw Size	S/S Torque In/lbs
1-3/8	2.53	7.37	2.12	5.63	5.88	1/2	0.75	1.13	3.85	2.55	1.875	1.03	1.50	0.16	0.020	1.80	5/16-18	165
1-7/16	2.67	7.88	2.38	6.13	6.38	1/2	0.75	1.25	4.25	3.01	2.125	0.98	1.69	0.19	0.020	2.08	5/16-18	165
1-11/16	2.84	8.87	2.49	6.88	7.12	5/8	0.88	1.31	4.47	3.26	2.250	1.08	1.76	0.22	0.020	2.30	3/8-16	290
2	2.94	9.62	2.56	7.63	7.88	5/8	0.88	1.50	5.00	3.50	2.500	1.06	1.88	0.25	0.025	2.60	3/8-16	290
2-3/16	3.20	10.50	2.87	8.38	8.62	5/8	0.88	1.63	5.71	3.86	2.750	1.20	2.00	0.25	0.025	2.95	3/8-16	290
2-7/16	3.59	12.00	2.99	9.31	9.69	3/4	1.07	1.88	6.32	4.61	3.125	1.34	2.25	0.25	0.025	3.47	1/2-13	620
2-11/16	4.01	14.00	3.49	10.81	11.19	7/8	1.19	2.25	7.69	5.50	3.750	1.51	2.50	0.25	0.025	4.05	1/2-13	620
2-15/16																		
3																		
3-7/16																		

NOTES: "A" AND "R" DIMENSIONS DO NOT INCLUDE "Y" DIMENSION

REFERENCE DIMENSION ONLY

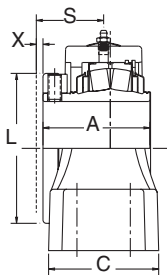
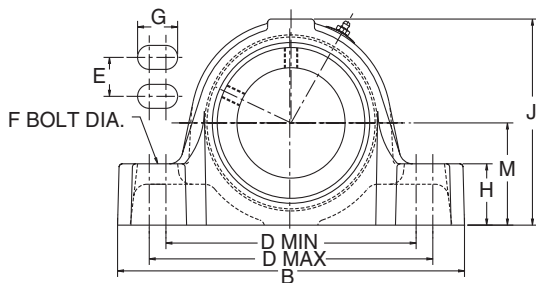
FEATURES/BENEFITS PAGE B8-3	NOMENCLATURE PAGE B8-7	SELECTION PAGE B8-9	INTERCHANGE CHARTS PAGE B8-46
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DIMENSIONS

DODGE®

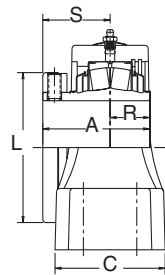

S-2000 Pillow Block 4-BOLT BASE

NOTE: All sizes use a 1/8-27
NPT hydraulic
grease fitting



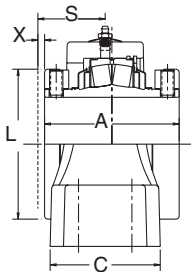
1-15/16 TRU 3-15/16"
CONSTRUCTION

EXPANSION



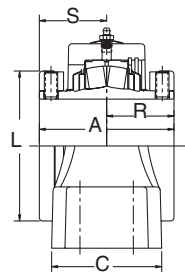
1-15/16 TRU 3-15/16"
CONSTRUCTION

NON-EXPANSION



4-7/16 THRU 4-15/16"
CONSTRUCTION

EXPANSION



4-7/16 THRU 4-15/16"
CONSTRUCTION

NON-EXPANSION

FEATURES/BENEFITS
PAGE B8-3

NOMENCLATURE
PAGE B8-7

SELECTION
PAGE B8-9

INTERCHANGE CHARTS
PAGE B8-46

DIMENSIONS



S-2000 Pillow Block 4-BOLT BASE

D-LOK

Type E Family

Specialty Tapered

S-2000

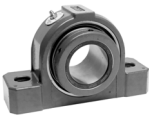
UNISPHERE II

Bear- ing	Shaft Size Inch	TRIDENT Seal				Labyrinth Seal			
		Non-Expansion		Expansion		Non-Expansion		Expansion	
		Part No.	Part Name	Part No.	Part Name	Part No.	Part Name	Part No.	Part Name
22210	1-15/16 2	070361	P4B-S2-115R	070379	P4B-S2-115RE	070397	P4B-S2-115L	070415	P4B-S2-115LE
		070362	P4B-S2-200R	070380	P4B-S2-200RE	070398	P4B-S2-200L	070416	P4B-S2-200LE
22211	2-3/16	070363	P4B-S2-203R	070381	P4B-S2-203RE	070399	P4B-S2-203L	070417	P4B-S2-203LE
22213	2-7/16	070365	P4B-S2-207R	070383	P4B-S2-207RE	070401	P4B-S2-207L	070419	P4B-S2-207LE
22215	2-11/16	070367	P4B-S2-211R	070385	P4B-S2-211RE	070403	P4B-S2-211L	070421	P4B-S2-211LE
	2-15/16	070368	P4B-S2-215R	070386	P4B-S2-215RE	070404	P4B-S2-215L	070422	P4B-S2-215LE
	3	070369	P4B-S2-300R	070387	P4B-S2-300RE	070405	P4B-S2-300L	070423	P4B-S2-300LE
22218	3-7/16	070371	P4B-S2-307R	070389	P4B-S2-307RE	070407	P4B-S2-307L	070425	P4B-S2-307LE
22220	3-15/16	070373	P4B-S2-315R	070391	P4B-S2-315RE	070409	P4B-S2-315L	070427	P4B-S2-315LE
22222	4-7/16	070375	P4B-S2-407R	070393	P4B-S2-407RE	070411	P4B-S2-407L	070429	P4B-S2-407LE
22226	4-15/16	070377	P4B-S2-415R	070395	P4B-S2-415RE	070413	P4B-S2-415L	070431	P4B-S2-415LE

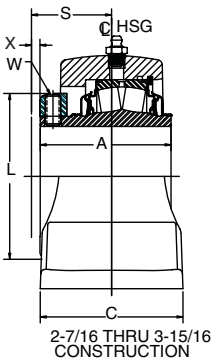
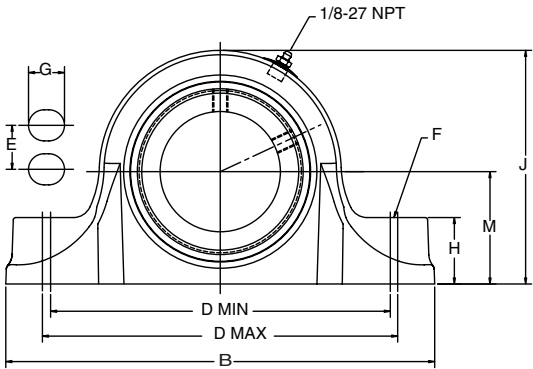
SHAFT SIZE	A	B	C	D		E	F BOLT DIA.	G	H	J	L	M	R	S	X TOTAL EXP.
				MIN	MAX										
1-15/16 2	2-27/32	8	3-3/16	6-1/16	6-7/16	1-19/32	1/2	13/16	1-5/16	4-9/16	3-7/16	2-1/4	27/32	2	1/4
2-3/16	2-15/16	8-7/8	3-1/4	6-9/16	6-15/16	1-11/16	1/2	13/16	1-1/2	5	3-3/4	2-1/2	29/32	2-1/32	1/4
2-7/16	3-13/64	9-1/4	3-3/8	6-15/16	7-5/16	1-3/4	1/2	13/16	1-5/8	5-19/32	4-1/16	2-3/4	1-5/64	2-1/8	1/4
2-11/16	3-19/32	10-7/16	3-3/4	7-15/16	8-5/16	1-7/8	5/8	15/16	1-7/8	6-7/16	4-45/64	3-1/4	1-3/32	2-1/2	1/4
2-15/16															
3															
3-7/16	4-1/64	13	4-1/8	9-3/8	10-5/8	2	3/4	1-1/2	2-1/4	7-9/16	5-1/2	3-3/4	1-7/16	2-37/64	1/4
3-15/16	4-15/32	15-1/4	4-1/2	12-1/8	12-7/8	2-1/4	3/4	1-1/4	2-7/16	8-7/16	6	4-1/4	1-41/64	2-53/64	5/16
4-7/16	6-17/32	16-1/2	4-3/4	13	14	2-1/2	3/4	1-3/8	2-3/4	9-5/8	6-29/64	4-3/4	3-5/64	3-29/64	3/8
4-15/16	6-29/32	18-5/8	5-3/8	15	16	2-3/4	7/8	1-1/2	3	11-1/8	7-29/64	5-1/2	3-17/64	3-41/64	3/8

FEATURES/BENEFITS PAGE B8-3	NOMENCLATURE PAGE B8-7	SELECTION PAGE B8-9	INTERCHANGE CHARTS PAGE B8-46
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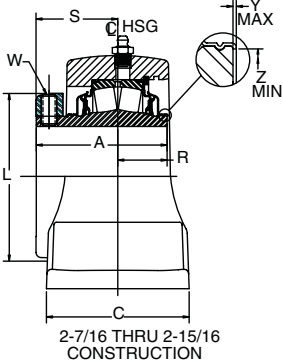
DIMENSIONS



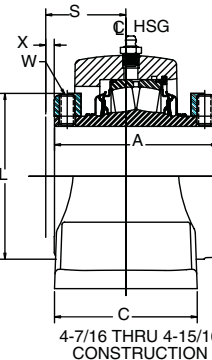
S-2000 Pillow Block With Type E Dimensions 4 BOLT



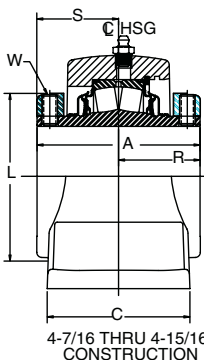
EXPANSION



NON-EXPANSION



EXPANSION



NON-EXPANSION

FEATURES/BENEFITS PAGE B8-3	NOMENCLATURE PAGE B8-7	SELECTION PAGE B8-9	INTERCHANGE CHARTS PAGE B8-46
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DIMENSIONS



S-2000 Pillow Block With Type E Dimensions 4 BOLT

Bearing Series	SHAFT SIZE*	TRIDENT Seal				Labyrinth Seal			
		Non Expansion		Expansion		Non Expansion		Expansion	
		Part No.	Part Name	Part No.	Part Name	Part No.	Part Name	Part No.	Part Name
22213	2-7/16	071433	EP4B-S2-207R	071441	EP4B-S2-207RE	071449	EP4B-S2-207L	071457	EP4B-S2-207LE
22215	2-11/16	071434	EP4B-S2-211R	071442	EP4B-S2-211RE	071450	EP4B-S2-211L	071458	EP4B-S2-211LE
	2-15/16	071435	EP4B-S2-215R	071443	EP4B-S2-215RE	071451	EP4B-S2-215L	071459	EP4B-S2-215LE
	3	071436	EP4B-S2-300R	071444	EP4B-S2-300RE	071452	EP4B-S2-300L	071460	EP4B-S2-300LE
22218	3-7/16	071437	EP4B-S2-307R	071445	EP4B-S2-307RE	071453	EP4B-S2-307L	071461	EP4B-S2-307LE
22220	3-15/16	071438	EP4B-S2-315R	071446	EP4B-S2-315RE	071454	EP4B-S2-315L	071462	EP4B-S2-315LE
22222	4-7/16	071439	EP4B-S2-407R	071447	EP4B-S2-407RE	071455	EP4B-S2-407L	071463	EP4B-S2-407LE
22226	4-15/16	071440	EP4B-S2-415R	071448	EP4B-S2-415RE	071456	EP4B-S2-415L	071464	EP4B-S2-415LE

*CONSULT DODGE FOR SIZES NOT LISTED

SHAFT SIZE	A	B#	C#	D		E	F BOLT DIA.	G #	H #	J #	L	M	R	S	X TOTAL EXP.	Y	Z	SET SCREW SIZE	S/S TORQUE IN/LBS
				MIN	MAX														
2-7/16	3.20	10.50	3.49	8.31	8.69	1.87	5/8	0.87	1.63	5.72	3.86	2.750	1.20	2.00	0.25	0.025	2.94	3/8	290
2-11/16	3.59	12.00	4.00	9.18	9.82	2.13	5/8	1.00	1.88	6.33	4.61	3.125	1.34	2.25	0.25	0.025	3.47	1/2	620
2-15/16																			
3																			
3-7/16	4.01	13.50	4.49	10.75	11.25	2.37	3/4	1.13	2.25	7.69	5.50	3.750	1.51	2.50	0.25	0.025	4.05	1/2	620
3-15/16	4.47	15.25	4.50	12.25	12.75	2.25	3/4	1.13	2.44	8.70	6.00	4.250	1.34	3.13	0.31	0.025	4.50	5/8	1325
4-7/16	6.53	16.63	4.63	13.25	13.75	2.50	3/4	1.13	2.75	9.67	6.45	4.750	3.08	3.38	0.38	N/A	N/A	5/8	1325
4-15/16	6.91	18.50	5.13	15.25	15.75	2.87	7/8	1.25	3.00	11.16	7.45	5.500	3.29	3.62	0.38	N/A	N/A	5/8	1325

NOTES: "A" AND "R" DIMENSIONS DO NOT INCLUDE "Y" DIMENSION

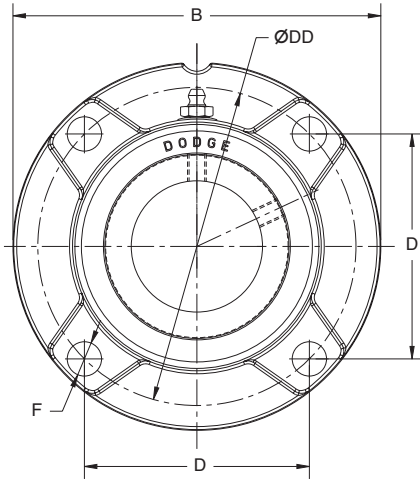
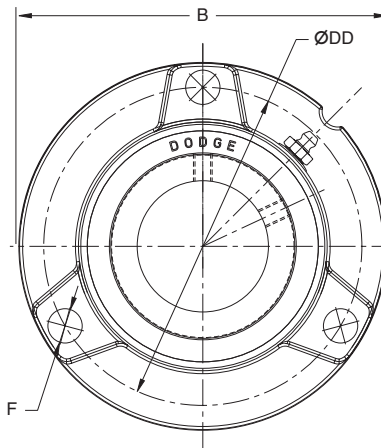
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FEATURES/BENEFITS PAGE B8-3	NOMENCLATURE PAGE B8-7	SELECTION PAGE B8-9	INTERCHANGE CHARTS PAGE B8-46
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DIMENSIONS

DODGE®

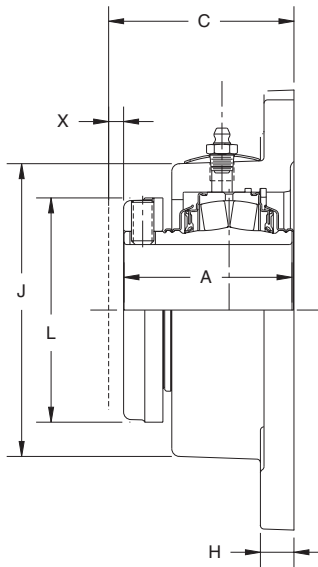

S-2000 Flange Bearing - Round



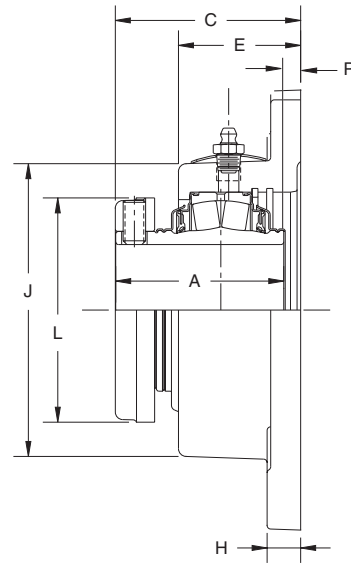
NOTE: All sizes use a
1/8-27 NPT hydraulic
grease fitting

1-3/8" THRU 1-1/2"
CONSTRUCTION

1-11/16" - 3"
CONSTRUCTION



EXPANSION



NON-EXPANSION

FEATURES/BENEFITS
PAGE B8-3

NOMENCLATURE
PAGE B8-7

SELECTION
PAGE B8-9

INTERCHANGE CHARTS
PAGE B8-46



S-2000 Flange Bearing - Round

Bearing	Shaft Size Inch	TRIDENT Seal				Labyrinth Seal			
		Non-Expansion		Expansion		Non-Expansion		Expansion	
		Part No.	Part Name	Part No.	Part Name	Part No.	Part Name	Part No.	Part Name
22208	1 - 3/8	070436	F3R-S2-106R	070470	F3R-S2-106RE	070491	F3R-S2-106L	070523	F3R-S2-106LE
	1 - 7/16	070437	F3R-S2-107R	070471	F3R-S2-107RE	070492	F3R-S2-107L	070524	F3R-S2-107LE
	1 - 1/2	070438	F3R-S2-108R	070472	F3R-S2-108RE	070493	F3R-S2-108L	070525	F3R-S2-108LE
22209	1 - 11/16	070440	F4R-S2-111R	070474	F4R-S2-111RE	070495	F4R-S2-111L	070527	F4R-S2-111LE
	1 - 3/4	070441	F4R-S2-112R	070475	F4R-S2-112RE	070496	F4R-S2-112L	070528	F4R-S2-112LE
22210	1 - 15/16	070442	F4R-S2-115R	070476	F4R-S2-115RE	070497	F4R-S2-115L	070529	F4R-S2-115LE
	2	070443	F4R-S2-200R	070477	F4R-S2-200RE	070498	F4R-S2-200L	070530	F4R-S2-200LE
22211	2 - 3/16	070444	F4R-S2-203R	070478	F4R-S2-203RE	070499	F4R-S2-203L	070531	F4R-S2-203LE
22213	2-7/16	070446	F4R-S2-207R	070480	F4R-S2-207RE	070501	F4R-S2-207L	070533	F4R-S2-207LE
22215	2-11/16	070448	F4R-S2-211R	070482	F4R-S2-211RE	070503	F4R-S2-211L	070535	F4R-S2-211LE
	2-15/16	070449	F4R-S2-215R	070483	F4R-S2-215RE	070504	F4R-S2-215L	070536	F4R-S2-215LE
	3	070450	F4R-S2-300R	070484	F4R-S2-300RE	070505	F4R-S2-300L	070537	F4R-S2-300LE

SHAFT SIZE	A	B	C	D	DD	E	F BOLT DIA.	H	J	L	P	X TOTAL EXP.
1 - 3/8 1 - 7/16 1 - 1/2	2 - 17/32	5 - 7/8	2 - 49/64	3 - 17/32	5	1 - 51/64	1/2*	1/2	3 - 27/32	2 - 3/4	15/64	3/16
1 - 11/16 1 - 3/4	2-43/64	6-3/8	2-31/32	3-57/64	5-1/2	1-57/64	1/2**	1/2	4-11/32	3-3/16	19/64	1/4
1 - 15/16 2	2 - 27/32	6 - 11/16	3 - 9/64	4 - 1/16	5 - 3/4	1 - 59/64	1/2**	9/16	4 - 19/32	3 - 7/16	19/64	1/4
2 - 3/16	2 - 15/16	7 - 3/8	3 - 15/64	4 - 1/2	6 - 3/8	2 - 3/64	5/8**	9/16	4 - 63/64	3 - 3/4	19/64	1/4
2-7/16	3-13/64	7-3/4	3-1/2	4-49/64	6-3/4	2-3/8	5/8**	49/64	5-1/2	4-1/16	19/64	1/4
2-11/16 2-15/16 3	3-19/32	9-1/4	3-57/64	5-9/16	7-7/8	2-25/64	3/4**	7/8	6-23/64	4-45/64	19/64	1/4

* 3 Equally spaced bolt holes

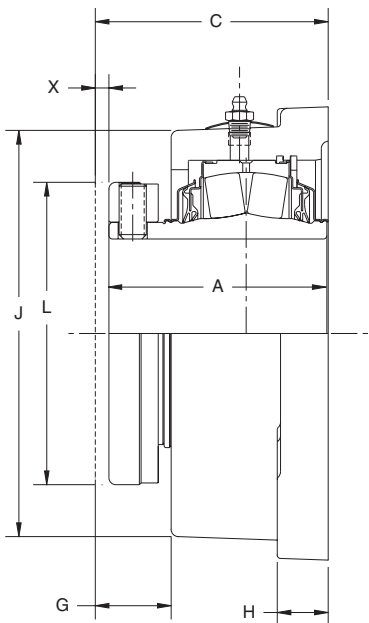
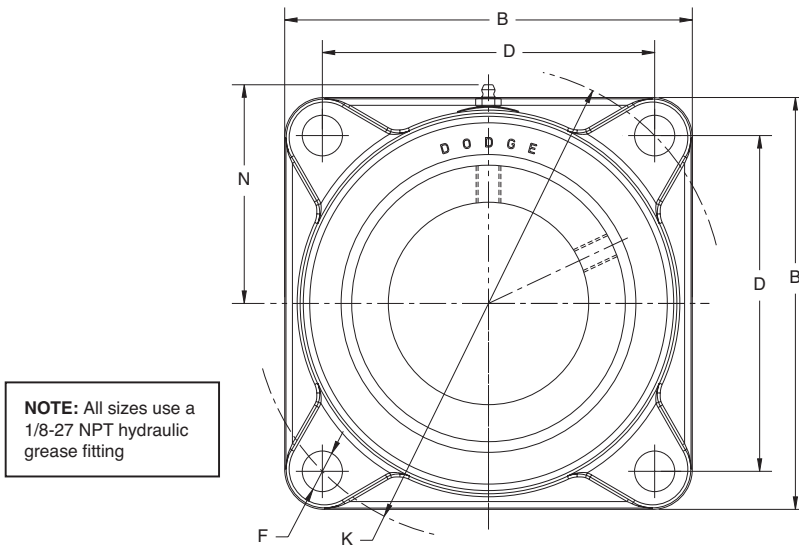
** 4 Equally spaced bolt holes

FEATURES/BENEFITS PAGE B8-3	NOMENCLATURE PAGE B8-7	SELECTION PAGE B8-9	INTERCHANGE CHARTS PAGE B8-46
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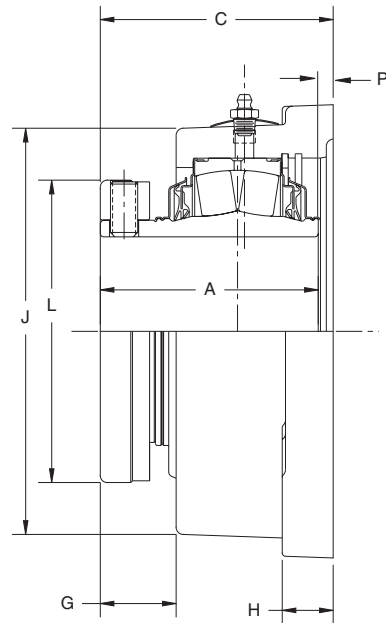
DIMENSIONS

DODGE®


S-2000 Flange Bearing - Square



EXPANSION



NON-EXPANSION

 FEATURES/BENEFITS
PAGE B8-3

 NOMENCLATURE
PAGE B8-7

 SELECTION
PAGE B8-9

 INTERCHANGE CHARTS
PAGE B8-46



S-2000 Flange Bearing - Square

Bearing	Shaft Size Inch	TRIDENT Seal				Labyrinth Seal			
		Non-Expansion		Expansion		Non-Expansion		Expansion	
		Part No.	Part Name	Part No.	Part Name	Part No.	Part Name	Part No.	Part Name
22208	1-3/8	070541	F4S-S2-106R	070564	F4S-S2-106RE	070600	F4S-S2-106L	070853	F4S-S2-106LE
	1-7/16	070542	F4S-S2-107R	070565	F4S-S2-107RE	070601	F4S-S2-107L	070854	F4S-S2-107LE
	1-1/2	070543	F4S-S2-108R	070566	F4S-S2-108RE	070602	F4S-S2-108L	070855	F4S-S2-108LE
22209	1-11/16	070545	F4S-S2-111R	070568	F4S-S2-111RE	070604	F4S-S2-111L	070857	F4S-S2-111LE
	1-3/4	070546	F4S-S2-112R	070569	F4S-S2-112RE	070605	F4S-S2-112L	070858	F4S-S2-112LE
22210	1-15/16	070547	F4S-S2-115R	070570	F4S-S2-115RE	070606	F4S-S2-115L	070859	F4S-S2-115LE
	2	070548	F4S-S2-200R	070571	F4S-S2-200RE	070607	F4S-S2-200L	070860	F4S-S2-200LE
22211	2-3/16	070549	F4S-S2-203R	070572	F4S-S2-203RE	070608	F4S-S2-203L	070861	F4S-S2-203LE
22213	2-7/16	070551	F4S-S2-207R	070574	F4S-S2-207RE	070610	F4S-S2-207L	070863	F4S-S2-207LE
22215	2-11/16	070553	F4S-S2-211R	070576	F4S-S2-211RE	070612	F4S-S2-211L	070865	F4S-S2-211LE
	2-15/16	070554	F4S-S2-215R	070577	F4S-S2-215RE	070613	F4S-S2-215L	070866	F4S-S2-215LE
	3	070555	F4S-S2-300R	070578	F4S-S2-300RE	070614	F4S-S2-300L	070867	F4S-S2-300LE
22218	3-7/16	070557	F4S-S2-307R	070580	F4S-S2-307RE	070616	F4S-S2-307L	070869	F4S-S2-307LE
22220	3-15/16	070559	F4S-S2-315R	070582	F4S-S2-315RE	070618	F4S-S2-315L	070871	F4S-S2-315LE

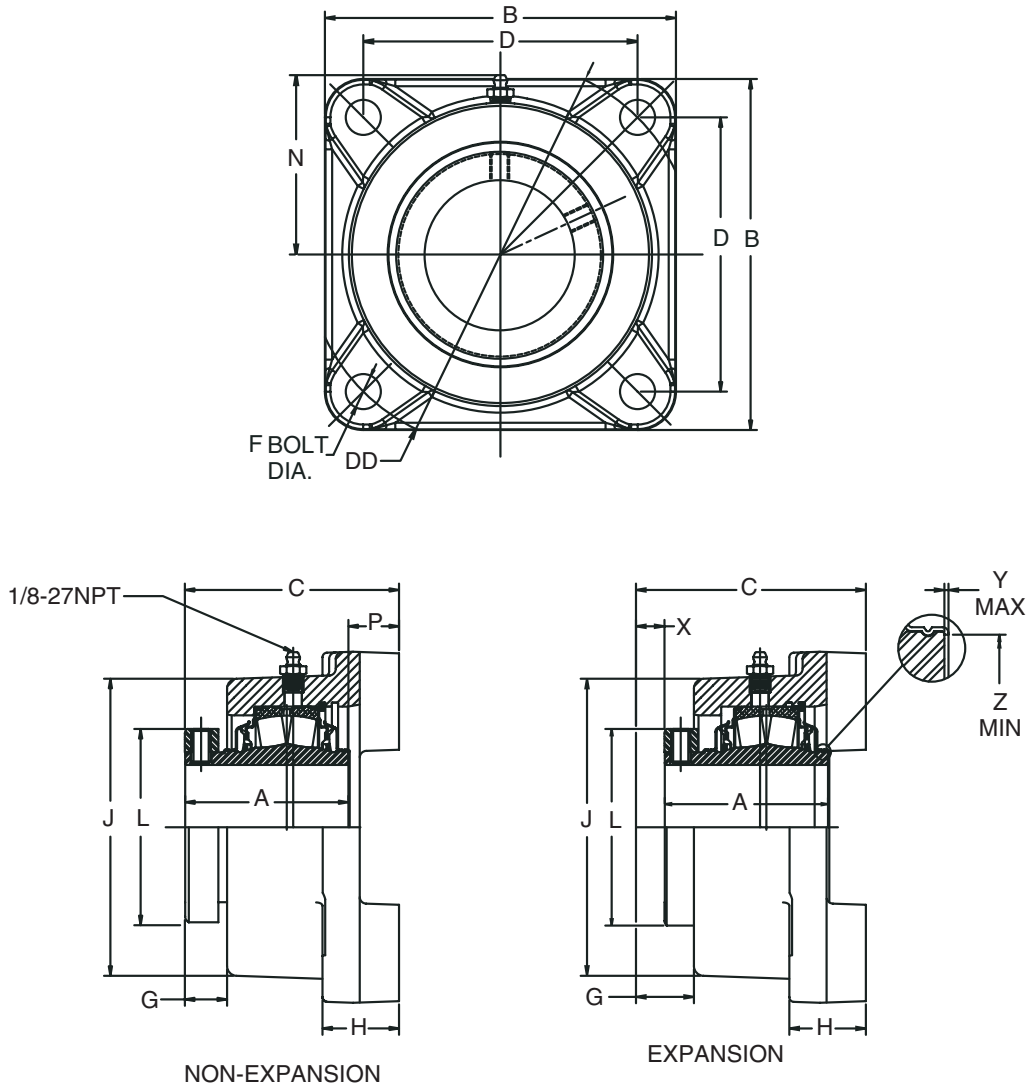
SHAFT SIZE	A	B	C	D	F BOLT DIA	G	H	J	K	L	N	P	X TOTAL EXP.
1-3/8													
1-7/16	2-17/32	4-3/4	2-49/64	3-17/32	1/2	63/64	1/2	3-13/16	5	2-3/4	2-31/64	15/64	3/16
1-1/2													
1-11/16	2-43/64	5-1/8	2-31/32	3-57/64	1/2	1-5/64	1/2	4-13/32	5-1/2	3-3/16	2-25/32	19/64	1/4
1-3/4													
1-15/16	2-27/32	5-19/64	3-5/32	4-1/16	1/2	1-15/64	9/16	4-31/32	5-3/4	3-7/16	2-29/32	5/16	1/4
2													
2-3/16	2-15/16	5-7/8	3-1/4	4-33/64	5/8	1-13/64	9/16	5-1/64	6-3/8	3-3/4	3-3/32	5/16	1/4
2-7/16	3-13/64	6-1/8	3-33/64	4-25/32	5/8	1-9/64	41/64	5-5/8	6-3/4	4-1/16	3-13/32	5/16	1/4
2-11/16													
2-15/16	3-19/32	7-3/16	3-29/32	5-9/16	3/4	1-33/64	3/4	6-1/2	7-7/8	4-45/64	3-27/32	5/16	1/4
3													
3-7/16	4	8-1/4	4-5/16	6-23/32	3/4	1-7/16	15/16	7-31/64	9-1/2	5-1/2	4-21/64	5/16	1/4
3-15/16	4-15/32	9-1/4	4-27/32	7-39/64	7/8	1-35/64	1-1/16	8-7/32	10-3/4	6	4-45/64	3/8	5/16

FEATURES/BENEFITS PAGE B8-3	NOMENCLATURE PAGE B8-7	SELECTION PAGE B8-9	INTERCHANGE CHARTS PAGE B8-46
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DIMENSIONS

DODGE®


S-2000 Flange Bearing - Square with Type E Dimensions


 FEATURES/BENEFITS
PAGE B8-3

 NOMENCLATURE
PAGE B8-7

 SELECTION
PAGE B8-9

 INTERCHANGE CHARTS
PAGE B8-46



S-2000 Flange Bearing - Square with Type E Dimensions

Bearing Series	Shaft Size*	TRIDENT Seal				Labyrinth Seal			
		Non Expansion		Expansion		Non Expansion		Expansion	
		Part No.	Part Name	Part No.	Part Name	Part No.	Part Name	Part No.	Part Name
22208	1-3/8	071469	EF4B-S2-106R	071482	EF4B-S2-106RE	071495	EF4B-S2-106L	071508	EF4B-S2-106LE
	1-7/16	071470	EF4B-S2-107R	071483	EF4B-S2-107RE	071496	EF4B-S2-107L	071509	EF4B-S2-107LE
22209	1-11/16	071471	EF4B-S2-111R	071484	EF4B-S2-111RE	071497	EF4B-S2-111L	071510	EF4B-S2-111LE
22210	1-15/16	071472	EF4B-S2-115R	071485	EF4B-S2-115RE	071498	EF4B-S2-115L	071511	EF4B-S2-115LE
	2	071473	EF4B-S2-200R	071486	EF4B-S2-200RE	071499	EF4B-S2-200L	071512	EF4B-S2-200LE
22211	2-3/16	071474	EF4B-S2-203R	071487	EF4B-S2-203RE	071500	EF4B-S2-203L	071513	EF4B-S2-203LE
22213	2-7/16	071475	EF4B-S2-207R	071488	EF4B-S2-207RE	071501	EF4B-S2-207L	071514	EF4B-S2-207LE
22215	2-11/16	071476	EF4B-S2-211R	071489	EF4B-S2-211RE	071502	EF4B-S2-211L	071515	EF4B-S2-211LE
	2-15/16	071477	EF4B-S2-215R	071490	EF4B-S2-215RE	071503	EF4B-S2-215L	071516	EF4B-S2-215LE
	3	071478	EF4B-S2-300R	071491	EF4B-S2-300RE	071504	EF4B-S2-300L	071517	EF4B-S2-300LE
22218	3-7/16	071479	EF4B-S2-307R	071492	EF4B-S2-307RE	071505	EF4B-S2-307L	071518	EF4B-S2-307LE
22220	3-15/16	071480	EF4B-S2-315R	071493	EF4B-S2-315RE	071506	EF4B-S2-315L	071519	EF4B-S2-315LE
22222	4-7/16	071481	EF4B-S2-407R	071494	EF4B-S2-407RE	071507	EF4B-S2-407L	071520	EF4B-S2-407LE

*CONSULT DODGE FOR SIZES NOT LISTED

SHAFT SIZE	A	B #	C #	D	DD	F BOLT DIA.	G	H #	J #	L	N	P	X TOTAL EXP.	Y	Z	SET SCREW SIZE	S/S TORQUE IN/LBS
1-3/8	2.53	4.62	3.06	3.50	4.950	1/2	0.57	1.06	3.88	2.55	2.34	0.53	0.16	0.020	1.80	5/16-18	165
1-7/16																	
1-11/16	2.67	5.37	3.50	4.13	5.834	1/2	0.53	1.19	4.18	3.01	2.51	0.84	0.19	0.020	2.08	5/16-18	165
1-15/16	2.84	5.62	3.63	4.37	6.187	1/2	0.65	1.18	4.36	3.26	2.60	0.78	0.22	0.020	2.30	3/8-16	290
2																	
2-3/16	2.94	6.25	3.87	4.87	6.894	5/8	0.60	1.38	4.88	3.50	2.88	0.93	0.25	0.025	2.60	3/8-16	290
2-7/16	3.20	6.88	4.19	5.37	7.601	5/8	0.83	1.50	5.81	3.86	3.32	0.98	0.25	0.025	2.95	3/8-16	290
2-11/16																	
2-15/16	3.59	7.76	4.69	6.00	8.485	3/4	0.88	1.61	6.30	4.61	3.58	1.09	0.25	0.025	3.47	1/2-13	620
3																	
3-7/16	4.01	9.25	5.25	7.00	9.899	3/4	0.96	1.87	7.44	5.50	4.15	1.24	0.25	0.025	4.05	1/2-13	620
3-15/16	4.48	10.25	6.50	7.75	10.960	7/8	1.00	2.12	8.27	6.00	4.58	2.02	0.31	0.025	4.50	5/8-11	1325
4-7/16	6.53	10.88	7.10	8.75	12.374	7/8	1.39	2.43	9.13	6.45	5.01	0.56	0.38	N/A	N/A	5/8-11	1325

NOTE(S): "P" DIMENSION IS FOR NON-EXPANSION ONLY

"A" AND "P" DIMENSIONS DO NOT INCLUDE "Y" DIMENSION

- REFERENCE DIMENSIONS ONLY

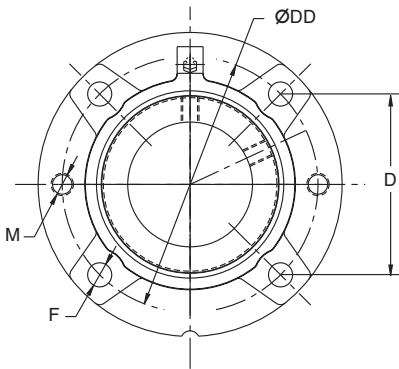
FEATURES/BENEFITS PAGE B8-3	NOMENCLATURE PAGE B8-7	SELECTION PAGE B8-9	INTERCHANGE CHARTS PAGE B8-46
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DIMENSIONS

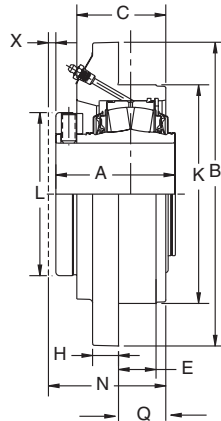
DODGE®


S-2000 Piloted Flange

NOTE: All sizes use a 1/8-27 NPT hydraulic grease fitting

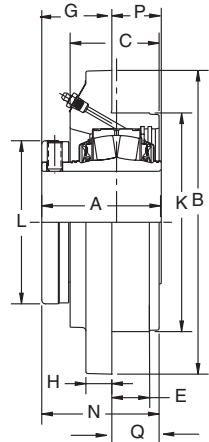


NOTE: 4-7/16 & 4-15/16 sizes have 6 evenly spaced mounting holes



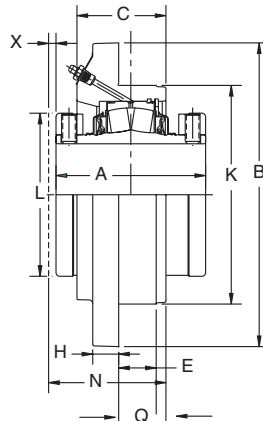
1-3/8 THRU 3-15/16"
CONSTRUCTION

EXPANSION



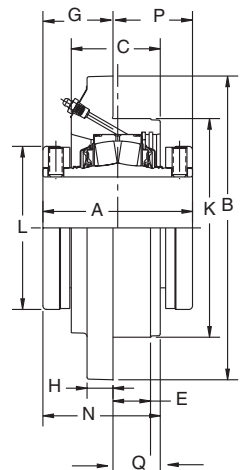
1-3/8 THRU 3-15/16"
CONSTRUCTION

NON-EXPANSION



4-7/16 THRU 4-15/16"
CONSTRUCTION

EXPANSION



4-7/16 THRU 4-15/16"
CONSTRUCTION

NON-EXPANSION

FEATURES/BENEFITS
PAGE B8-3

NOMENCLATURE
PAGE B8-7

SELECTION
PAGE B8-9

INTERCHANGE CHARTS
PAGE B8-46



S-2000 Piloted Flange

Bearing	Shaft Size Inch	TRIDENT Seal				Labyrinth Seal			
		Non-Expansion		Expansion		Non-Expansion		Expansion	
		Part No.	Part Name	Part No.	Part Name	Part No.	Part Name	Part No.	Part Name
22208	1-3/8	070644	FC-S2-106R	070671	FC-S2-106RE	070698	FC-S2-106L	070725	FC-S2-106LE
	1-7/16	070645	FC-S2-107R	070672	FC-S2-107RE	070699	FC-S2-107L	070726	FC-S2-107LE
	1-1/2	070646	FC-S2-108R	070673	FC-S2-108RE	070700	FC-S2-108L	070727	FC-S2-108LE
22209	1-11/16	070648	FC-S2-111R	070675	FC-S2-111RE	070702	FC-S2-111L	070729	FC-S2-111LE
	1-3/4	070649	FC-S2-112R	070676	FC-S2-112RE	070703	FC-S2-112L	070730	FC-S2-112LE
22210	1-15/16	070650	FC-S2-115R	070677	FC-S2-115RE	070704	FC-S2-115L	070731	FC-S2-115LE
	2	070651	FC-S2-200R	070678	FC-S2-200RE	070705	FC-S2-200L	070732	FC-S2-200LE
22211	2-3/16	070652	FC-S2-203R	070679	FC-S2-203RE	070706	FC-S2-203L	070733	FC-S2-203LE
22213	2-7/16	070654	FC-S2-207R	070681	FC-S2-207RE	070708	FC-S2-207L	070735	FC-S2-207LE
22215	2-11/16	070656	FC-S2-211R	070683	FC-S2-211RE	070710	FC-S2-211L	070737	FC-S2-211LE
	2-15/16	070657	FC-S2-215R	070684	FC-S2-215RE	070711	FC-S2-215L	070738	FC-S2-215LE
	3	070658	FC-S2-300R	070685	FC-S2-300RE	070712	FC-S2-300L	070739	FC-S2-300LE
22218	3-7/16	070660	FC-S2-307R	070687	FC-S2-307RE	070714	FC-S2-307L	070741	FC-S2-307LE
22220	3-15/16	070662	FC-S2-315R	070689	FC-S2-315RE	070716	FC-S2-315L	070743	FC-S2-315LE
22222	4-7/16 **	070664	FC-S2-407R	070691	FC-S2-407RE	070718	FC-S2-407L	070745	FC-S2-407LE
22226	4-15/16 **	070666	FC-S2-415R	070693	FC-S2-415RE	070720	FC-S2-415L	070747	FC-S2-415LE

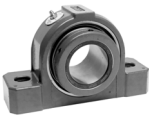
SHAFT SIZE	A	B	C	D	DD	E	F BOLT DIA.	G	H	* K	L	M	N	P	Q	X TOTAL EXP.
1-3/8																
1-7/16	2-17/32	5-1/4	1-27/32	3-3/32	4-3/8	3/4	3/8	1-5/16	1/2	3. 625	2-3/4	3/8-16	2-17/32	1-7/32	1-7/32	3/16
1-1/2																
1-11/16	2-43/64	6-1/8	1-29/32	3-5/8	5-1/8	7/8	7/16	1-29/64	1/2	4. 250	3-3/16	7/16-14	2-23/32	1-7/32	1-17/64	1/4
1-3/4																
1-15/16	2-27/32	6-3/8	2	3-51/64	5-3/8	7/8	7/16	1-19/32	9/16	4. 500	3-7/16	7/16-14	2-55/64	1-1/4	1-17/64	1/4
2																
2-3/16	2-15/16	7-1/8	2-3/16	4-1/4	6	1	1/2	1-9/16	9/16	5. 000	3-3/4	1/2-13	2-63/64	1-3/8	1-27/64	1/4
2-7/16	3-13/64	7-5/8	2-1/2	4-19/32	6-1/2	1	1/2	1-41/64	5/8	5. 500	4-1/16	1/2-13	3-13/64	1-9/16	1-9/16	1/4
2-11/16																
2-15/16	3-19/32	8-3/4	2-5/8	5-19/64	7-1/2	1-1/4	5/8	2-1/32	3/4	6. 375	4-45/64	5/8-11	3-41/64	1-9/16	1-5/8	1/4
3																
3-7/16	4	10-1/4	3	6-3/32	8-5/8	1-17/64	3/4	2-23/64	15/16	7. 375	5-1/2	3/4-10	3-7/8	1-41/64	1-33/64	1/4
3-15/16	4-15/32	10-7/8	3-1/2	6-5/8	9-3/8	1-15/32	3/4	2-21/32	1-1/8	8. 125	6	3/4-10	4-9/16	1-13/16	1-29/32	5/16
4-7/16	6-17/32	13-37/64	4	** 5-7/8	11-3/4	1-29/64	3/4**	3-17/32	1	10. 250	6-29/64	3/4-10	5-1/2	3	1-63/64	3/8
4-15/16	6-29/32	14-27/32	4-3/8	** 6-3/8	12-3/4	1-45/64	7/8**	3-7/16	1-1/4	11. 000	7-29/64	7/8-9	5-55/64	3-15/32	2-27/64	3/8

* + 0.000
- 0.002

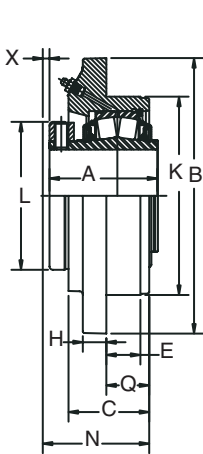
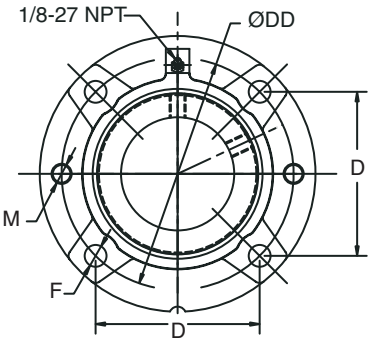
** 6 Equally spaced mounting holes

FEATURES/BENEFITS PAGE B8-3	NOMENCLATURE PAGE B8-7	SELECTION PAGE B8-9	INTERCHANGE CHARTS PAGE B8-46
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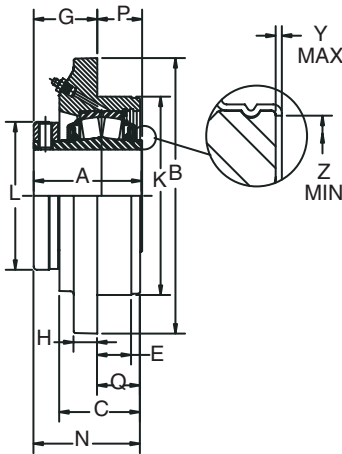
DIMENSIONS



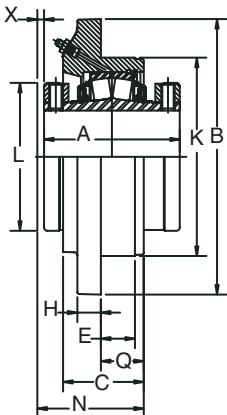
S-2000 Piloted Flange with Type E Dimensions



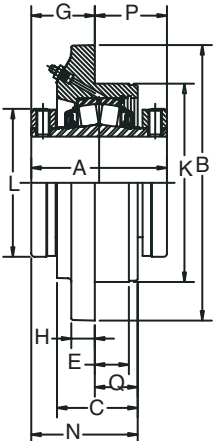
EXPANSION



NON-EXPANSION



4-7/16 THRU 5\"/>



4-7/16 THRU 5\"/>

FEATURES/BENEFITS PAGE B8-3	NOMENCLATURE PAGE B8-7	SELECTION PAGE B8-9	INTERCHANGE CHARTS PAGE B8-46
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S-2000 Piloted Flange with Type E Dimensions

Bearing Series	Shaft Size*	TRIDENT SEAL				Labyrinth Seal			
		Non Expansion		Expansion		Non Expansion		Expansion	
		Part No.	Part Name	Part No.	Part Name	Part No.	Part Name	Part No.	Part Name
22208	1-3/8	070644	FC-S2-106R	070671	FC-S2-106RE	070698	FC-S2-106L	070725	FC-S2-106LE
	1-7/16	070645	FC-S2-107R	070672	FC-S2-107RE	070699	FC-S2-107L	070726	FC-S2-107LE
22209	1-11/16	070648	FC-S2-111R	070675	FC-S2-111RE	070702	FC-S2-111L	070729	FC-S2-111LE
22210	1-15/16	070650	FC-S2-115R	070677	FC-S2-115RE	070704	FC-S2-115L	070731	FC-S2-115LE
	2	070651	FC-S2-200R	070678	FC-S2-200RE	070705	FC-S2-200L	070732	FC-S2-200LE
22211	2-3/16	070652	FC-S2-203R	070679	FC-S2-203RE	070706	FC-S2-203L	070733	FC-S2-203LE
22213	2-7/16	070654	FC-S2-207R	070681	FC-S2-207RE	070708	FC-S2-207L	070735	FC-S2-207LE
22215	2-11/16	070656	FC-S2-211R	070683	FC-S2-211RE	070710	FC-S2-211L	070737	FC-S2-211LE
	2-15/16	070657	FC-S2-215R	070684	FC-S2-215RE	070711	FC-S2-215L	070738	FC-S2-215LE
	3	070658	FC-S2-300R	070685	FC-S2-300RE	070712	FC-S2-300L	070739	FC-S2-300LE
22218	3-7/16	070660	FC-S2-307R	070687	FC-S2-307RE	070714	FC-S2-307L	070741	FC-S2-307LE
22220	3-15/16	070662	FC-S2-315R	070689	FC-S2-315RE	070716	FC-S2-315L	070743	FC-S2-315LE
22222	4-7/16	071521	EFC-S2-407R	071523	EFC-S2-407RE	071525	EFC-S2-407L	071527	EFC-S2-407LE
22226	4-15/16	071522	EFC-S2-415R	071524	EFC-S2-415RE	071526	EFC-S2-415L	071528	EFC-S2-415LE

SHAFT SIZE	A	B #	C #	D	DD	E #	F BOLT DIA.	G	H #	K ##	L	M	N	P	Q #	X TOTAL EXP.	Y	Z	SET SCREW SIZE	S/S TORQUE IN/LBS
1-3/8	2.53	5.25	1.84	3.09	4.375	0.75	3/8	1.31	0.50	3.625	2.55	3/8-16	2.53	1.22	1.22	0.19	0.020	1.80	5/16	165
1-7/16	2.67	6.13	1.91	3.63	5.125	0.88	7/16	1.45	0.50	4.250	3.01	7/16-14	2.72	1.22	1.26	0.25	0.020	2.08	5/16	165
1-11/16	2.84	6.38	2.00	3.80	5.375	0.88	7/16	1.59	0.56	4.500	3.26	7/16-14	2.86	1.25	1.26	0.25	0.020	2.30	3/8	290
2	2.94	7.13	2.19	4.25	6.000	1.00	1/2	1.56	0.56	5.000	3.50	1/2-13	2.98	1.38	1.42	0.25	0.025	2.59	3/8	290
2-3/16	3.20	7.63	2.50	4.59	6.500	1.00	1/2	1.64	0.63	5.500	3.86	1/2-13	3.20	1.56	1.56	0.25	0.025	2.94	3/8	290
2-7/16	3.59	8.75	2.63	5.30	7.500	1.25	5/8	2.03	0.75	6.375	4.61	5/8-11	3.64	1.56	1.63	0.25	0.025	3.47	1/2	620
2-11/16	4.01	10.25	3.00	6.09	8.625	1.26	3/4	2.36	0.94	7.375	5.50	3/4-10	3.88	1.65	1.52	0.25	0.025	4.05	1/2	620
2-15/16	4.47	10.88	3.50	6.63	9.375	1.47	3/4	2.66	1.13	8.125	6.00	3/4-10	4.56	1.81	1.91	0.31	0.025	4.50	5/8	1325
3	6.53	13.50	4.58	5.88	11.750	1.45	3/4 **	3.00	0.94	10.250	6.45	3/4-10	5.63	3.53	2.63	0.38	N/A	N/A	5/8	1325
4-7/16	6.91	14.75	4.88	6.38	12.750	1.70	7/8 **	2.97	1.25	11.000	7.45	7/8-9	5.95	3.94	3.01	0.38	N/A	N/A	5/8	1325
4-15/16																				

- +0.000 NOTE(S): "P" AND "G" DIMENSIONS ARE FOR NON-EXPANSION ONLY

-0.002 "A" AND "P" DIMENSIONS DO NOT INCLUDE "Y" DIMENSION

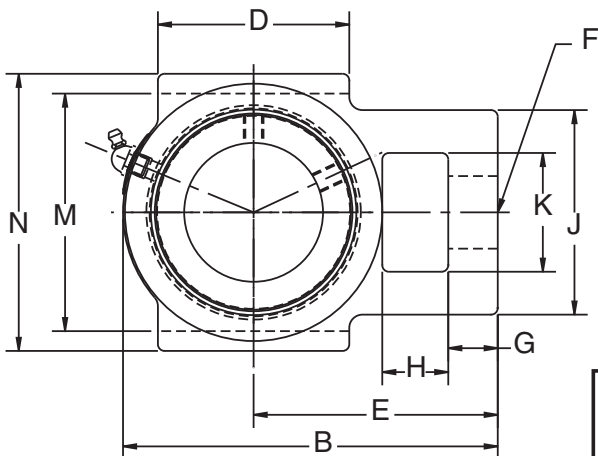
- REFERENCE DIMENSION ONLY

FEATURES/BENEFITS PAGE B8-3	NOMENCLATURE PAGE B8-7	SELECTION PAGE B8-9	INTERCHANGE CHARTS PAGE B8-46
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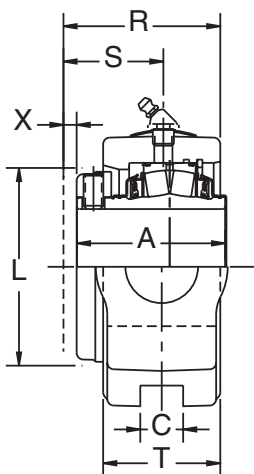
DIMENSIONS

DODGE®

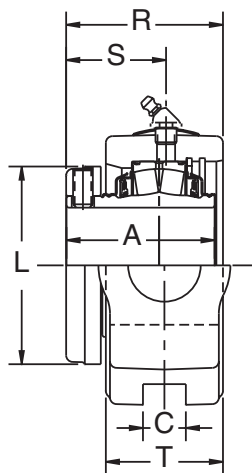

S-2000 Wide Slot Take-Up 1-3/8 THRU 2-3/16 INCH



NOTE: All sizes use a 1/8-27 NPT hydraulic grease fitting



EXPANSION



NON-EXPANSION

NOTE: See page B8-38 for 2-7/16 thru 4-15/16 inch

FEATURES/BENEFITS PAGE B8-3	NOMENCLATURE PAGE B8-7	SELECTION PAGE B8-9	INTERCHANGE CHARTS PAGE B8-46
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DIMENSIONS



S-2000 Wide Slot Take-Up 1-3/8 THRU 2-3/16 INCH

Bearing	Shaft Size Inch	Take-Up Frame	TRIDENT Seal			
			Non-Expansion		Expansion	
			Part No.	Part Name	Part No.	Part Name
22208	1-3/8	CP-308	070752	WSTU-S2-106R	070779	WSTU-S2-106RE
	1-7/16		070753	WSTU-S2-107R	070780	WSTU-S2-107RE
	1-1/2		070754	WSTU-S2-108R	070781	WSTU-S2-108RE
22209	1-11/16	CP-400	070756	WSTU-S2-111R	070783	WSTU-S2-111RE
	1-3/4		070757	WSTU-S2-112R	070784	WSTU-S2-112RE
22210	1-15/16	CP-400	070758	WSTU-S2-115R	070785	WSTU-S2-115RE
	2		070759	WSTU-S2-200R	070786	WSTU-S2-200RE
22211	2-3/16	CP-408	070760	WSTU-S2-203R	070787	WSTU-S2-203RE

SHAFT SIZE	A	B	C	D	E	F	G	H	J
1-3/8									
1-7/16	2-17/32	5-1/16	17/32	2-3/4	3-3/16	7/8	11/16	5/8	2-7/16
1-1/2									
1-11/16									
1-3/4	2-43/64	5-15/16	11/16	3-1/8	3-13/16	1-1/8	15/16	3/4	3-5/16
1-15/16									
2	2-27/32	6-3/16	11/16	3-5/8	3-15/16	1-1/8	15/16	3/4	3-5/16
2-3/16	2-15/16	7-1/16	13/16	3-5/8	4-5/8	1-3/8	15/16	1-1/4	3-7/8

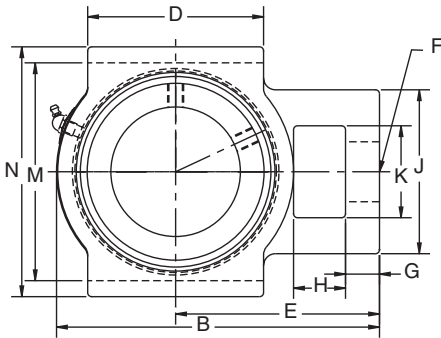
SHAFT SIZE	K	L	M	N	R	S	T	X TOTAL EXP
1-3/8								
1-7/16	1-7/16	2-3/4	3-1/2	4-1/8	2-47/64	1-45/64	2-1/16	3/16
1-1/2								
1-11/16								
1-3/4	1-15/16	3-3/16	4	4-3/4	2-53/64	1-13/16	2-1/32	1/4
1-15/16								
2	1-15/16	3-7/16	4	4-3/4	2-15/16	1-15/16	2	1/4
2-3/16	2-1/4	3-3/4	4-1/2	5-1/4	3-3/32	1-63/64	2-7/32	1/4

FEATURES/BENEFITS PAGE B8-3	NOMENCLATURE PAGE B8-7	SELECTION PAGE B8-9	INTERCHANGE CHARTS PAGE B8-46
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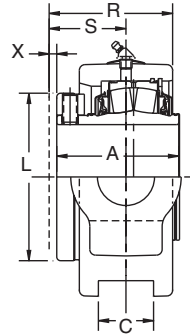
DIMENSIONS

DODGE®


S-2000 Wide Slot Take-Up 2-7/16 THRU 4-15/16 INCH

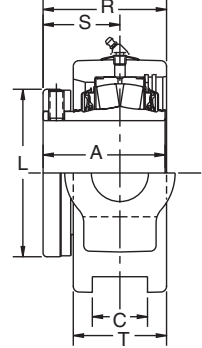


NOTE: All sizes use a 1/8-27 NPT hydraulic grease fitting



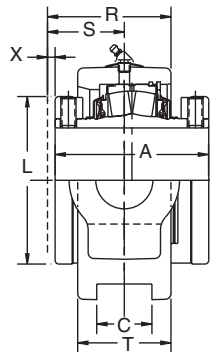
1-3/8" THRU 3-15/16"
CONSTRUCTION

EXPANSION



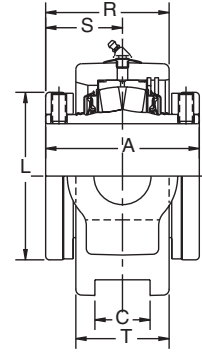
1-3/8" THRU 3-15/16"
CONSTRUCTION

NON-EXPANSION



4-7/16" THRU 4-15/16"
CONSTRUCTION

EXPANSION



4-7/16" THRU 4-15/16"
CONSTRUCTION

NON-EXPANSION

NOTE: See page B8-36 for 1-3/8 thru 2-3/16 inch

FEATURES/BENEFITS PAGE B8-3	NOMENCLATURE PAGE B8-7	SELECTION PAGE B8-9	INTERCHANGE CHARTS PAGE B8-46
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DIMENSIONS



S-2000 Wide Slot Take-Up 2-7/16 THRU 4-15/16 INCH

Bearing	Shaft Size Inch	Take-Up Frame	TRIDENT Seal			
			Non-Expansion		Expansion	
			Part Number	Part Name	Part Number	Part Name
22213	2-7/16	CP-502	070762	WSTU-S2-207R	070789	WSTU-S2-207RE
22215	2-11/16	CP-515	070764	WSTU-S2-211R	070791	WSTU-S2-211RE
	2-15/16		070765	WSTU-S2-215R	070792	WSTU-S2-215RE
	3		070766	WSTU-S2-300R	070793	WSTU-S2-300RE
22218	3-7/16	CP-613	070768	WSTU-S2-307R	070795	WSTU-S2-307RE
22220	3-15/16	CP-810	070770	WSTU-S2-315R	070797	WSTU-S2-315RE
22222	4-7/16	CP-908	070772	WSTU-S2-407R	070799	WSTU-S2-407RE
22226	4-15/16	CP-1004	070774	WSTU-S2-415R	070801	WSTU-S2-415RE

SHAFT SIZE	A	B	C	D	E	F	G	H	J
2-7/16	3-13/64	7-11/16	1-1/16	4-3/8	5	1-3/8	1-1/16	1-1/4	4-1/4
2-11/16	3-19/32	8-7/8	1-13/16	4-1/2	5-3/4	1-5/8	1-1/8	1-1/2	4-7/8
2-15/16									
3									
3-7/16	4	10-1/16	1-13/16	5-1/2	6-3/8	1-7/8	1-1/16	1-5/8	5-1/8
3-15/16	4-15/32	12-9/16	2-1/16	7	8-3/8	2-1/8	2-1/16	2-1/8	6
4-7/16	6-17/32	13-3/8	2-1/16	7	8-3/4	2-1/8	2	2-1/8	6-3/8
4-15/16	6-29/32	15-5/8	2-1/16	9	10-5/16	2-3/8	2-1/2	2-1/2	7

SHAFT SIZE	K	L	M	N	R	S	T	X TOTAL EXP
2-7/16	2-1/2	4-1/16	5-1/8	5-7/8	3-13/64	2	2-7/16	1/4
2-11/16	2-3/4	4-45/64	5-15/16	6-11/16	3-3/4	2-13/32	2-11/16	1/4
2-15/16								
3								
3-7/16	2-7/8	5-1/2	6-13/16	7-13/16	4-3/64	2-33/64	3-1/16	1/4
3-15/16	3-3/8	6	8-5/8	9-7/16	4-37/64	2-55/64	3-7/16	5/16
4-7/16	3-3/8	6-29/64	9-1/2	10-3/8	5-11/32	3-15/32	3-3/4	3/8
4-15/16	3-3/4	7-29/64	10-1/4	11-1/4	5-47/64	3-41/64	4-3/16	3/8

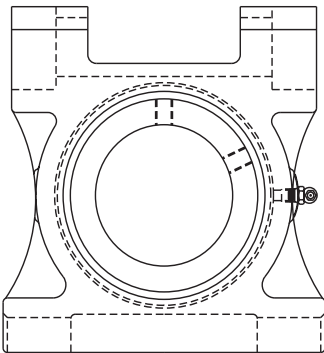
See Page B15-20 for CP Take-Up Frame

FEATURES/BENEFITS PAGE B8-3	NOMENCLATURE PAGE B8-7	SELECTION PAGE B8-9	INTERCHANGE CHARTS PAGE B8-46
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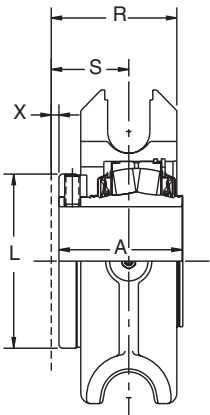
DIMENSIONS



TP Take-Up

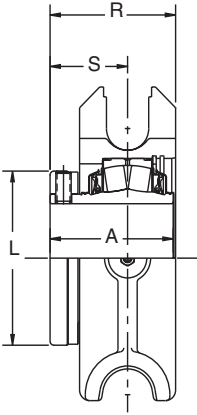


NOTE: All sizes use a 1/8-27 NPT hydraulic grease fitting



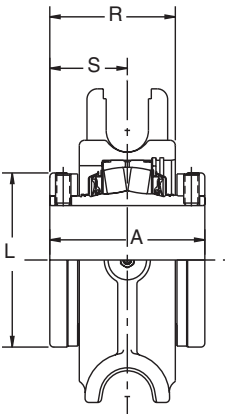
1-15/16" THRU 3-15/16"
CONSTRUCTION

EXPANSION



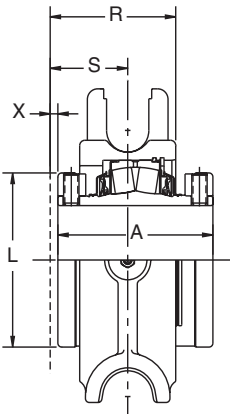
1-15/16" THRU 3-15/16"
CONSTRUCTION

NON-EXPANSION



4-7/16" THRU 4-15/16"
CONSTRUCTION

NON-EXPANSION



4-7/16" THRU 4-15/16"
CONSTRUCTION

EXPANSION

FEATURES/BENEFITS PAGE B8-3	NOMENCLATURE PAGE B8-7	SELECTION PAGE B8-9	INTERCHANGE CHARTS PAGE B8-46
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TP Take-Up

D-LOK

Type E Family

Specialty Tapered

S-2000

UNISPHERE II

Bearing	Shaft Size Inch	TAKE-UP FRAME		TRIDENT Seal			
				Non-Expansion		Expansion	
				Part Number	Part Name	Part Number	Part Name
22210	1-15/16 2	TP10	TPHU110	070811	TPHU-S2-115R	070829	TPHU-S2-115RE
				070812	TPHU-S2-200R	070830	TPHU-S2-200RE
22211	2-3/16	TP30	TPHU120	070813	TPHU-S2-203R	070831	TPHU-S2-203RE
22213	2-7/16	TP40	TPHU130	070815	TPHU-S2-207R	070833	TPHU-S2-207RE
22215	2-11/16	TP40	TPHU140	070817	TPHU-S2-211R	070835	TPHU-S2-211RE
	2-15/16			070818	TPHU-S2-215R	070836	TPHU-S2-215RE
	3			070819	TPHU-S2-300R	070837	TPHU-S2-300RE
22218	3-7/16	TP50	TPHU150	070821	TPHU-S2-307R	070839	TPHU-S2-307RE
22220	3-15/16	TP60	TPHU160	070823	TPHU-S2-315R	070841	TPHU-S2-315RE
22222	4-7/16	N/A	TPHU170	070825	TPHU-S2-407R	070843	TPHU-S2-407RE
22226	4-15/16	N/A	TPHU180	070827	TPHU-S2-415R	070845	TPHU-S2-415RE

SHAFT SIZE	A	L	R	S	X
1-15/16 2	2-27/32	3-7/16	3-3/16	2	1/4
2-3/16	2-15/16	3-3/4	3-25/64	2-1/64	1/4
2-7/16	3-13/64	4-1/16	3-17/32	2-5/32	1/4
2-11/16 2-15/16 3	3-19/32	4-45/64	3-53/64	2-29/64	1/4
3-7/16	4	5-1/2	4-7/32	2-21/32	1/4
3-15/16	4-15/32	6	4-33/64	2-61/64	5/16
4-7/16	6-17/32	6-29/64	5-29/64	3-29/64	3/8
4-15/16	6-29/32	7-29/64	5-7/8	3-21/32	3/8

See page B15-14 thru B15-19 for TP and TPHU Frames

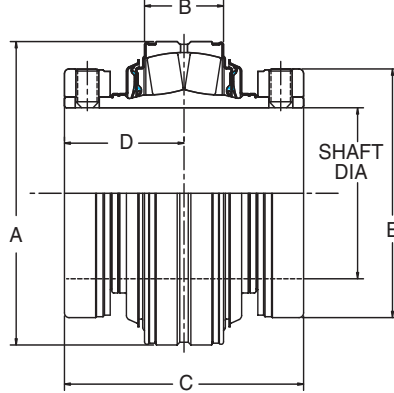
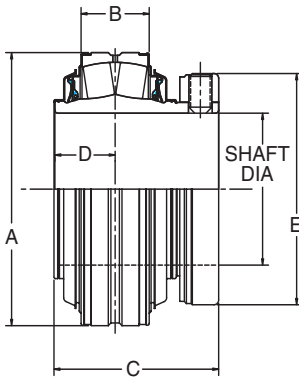
FEATURES/BENEFITS PAGE B8-3	NOMENCLATURE PAGE B8-7	SELECTION PAGE B8-9	INTERCHANGE CHARTS PAGE B8-46
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DIMENSIONS

DODGE®

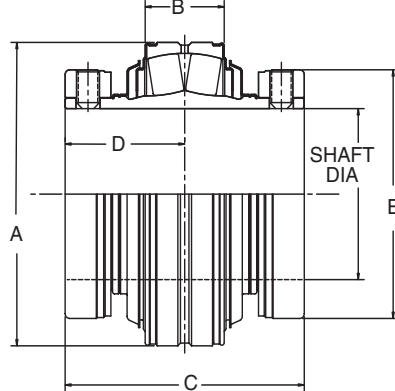
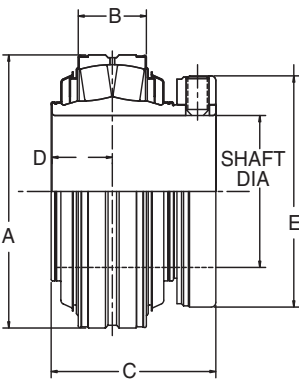

S-2000 Bearing Insert

TRIDENT SEAL



1-3/8 THRU 3-15/16" CONSTRUCTION 4-7/16 THRU 4-15/16" CONSTRUCTION

LABYRINTH SEAL



1-3/8 THRU 3-15/16" CONSTRUCTION

4-7/16 THRU 4-15/16" CONSTRUCTION

FEATURES/BENEFITS
PAGE B8-3

NOMENCLATURE
PAGE B8-7

SELECTION
PAGE B8-9

INTERCHANGE CHARTS
PAGE B8-46

DIMENSIONS



S-2000 Bearing Insert

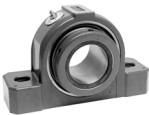
Part Number - 1-3/8 thru 4-15/16 Inch

Bearing	SHAFT SIZE	TRIDENT SEAL		LABYRINTH SEAL	
		PART NUMBER	PART NAME	PART NUMBER	PART NAME
22208	1-3/8	070000	INS-S2-106R	070016	INS-S2-106L
	1-7/16	070001	INS-S2-107R	070017	INS-S2-107L
	1-1/2	070002	INS-S2-108R	070018	INS-S2-108L
22209	1-11/16	070003	INS-S2-111R	070019	INS-S2-111L
	1-3/4	070004	INS-S2-112R	070020	INS-S2-112L
22210	1-15/16	070005	INS-S2-115R	070021	INS-S2-115L
	2	070006	INS-S2-200R	070022	INS-S2-200L
22211	2-3/16	070007	INS-S2-203R	070023	INS-S2-203L
22213	2-7/16	070008	INS-S2-207R	070024	INS-S2-207L
22215	2-11/16	070009	INS-S2-211R	070025	INS-S2-211L
	2-15/16	070010	INS-S2-215R	070026	INS-S2-215L
	3	070011	INS-S2-300R	070027	INS-S2-300L
22218	3-7/16	070012	INS-S2-307R	070028	INS-S2-307L
22220	3-15/16	070013	INS-S2-315R	070029	INS-S2-315L
22222	4-7/16	070014	INS-S2-407R	070030	INS-S2-407L
22226	4-15/16	070015	INS-S2-415R	070031	INS-S2-415L

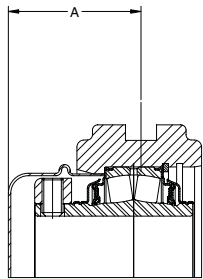
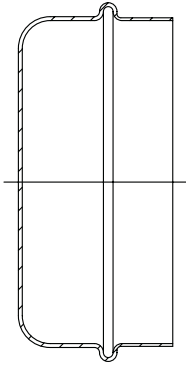
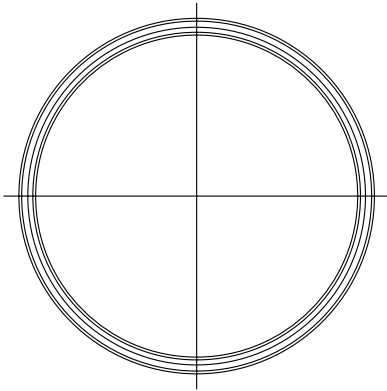
SHAFT SIZE	A	B	C	D	E
1-3/8 1-7/16 1-1/2	3.150	61/64	2-17/32	0.970	2-21/32
1-11/16 1-3/4	3.346	61/64	2-21/32	0.954	3-3/32
1-15/16 2	3.543	61/64	2-27/32	0.977	3-11/32
2-3/16	3.937	1-3/64	2-15/16	1.050	3-21/32
2-7/16	4.724	1-9/32	3-13/64	1.208	3-31/32
2-11/16 2-15/16 3	5.118	1-9/32	3-19/32	1.219	4-5/8
3-7/16	6.299	1-5/8	4	1.483	5-1/2
3-15/16	7.087	1-7/8	4-31/64	1.646	6
4-7/16	7.874	2-5/32	6-17/32	3.266	6-29/64
4-15/16	9.055	2-19/32	6-29/32	3.453	7-29/64

FEATURES/BENEFITS PAGE B8-3	NOMENCLATURE PAGE B8-7	SELECTION PAGE B8-9	INTERCHANGE CHARTS PAGE B8-46
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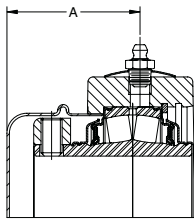
DIMENSIONS



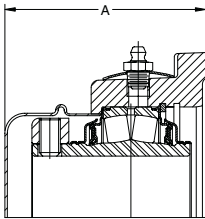
S-2000 Bearing End Cover



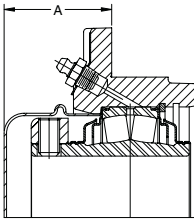
WS TAKE-UP



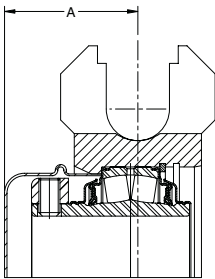
PILLOW BLOCK



FLANGE



PILOTED FLANGE



TPHU TAKE-UP

FEATURES/BENEFITS PAGE B8-3	NOMENCLATURE PAGE B8-7	SELECTION PAGE B8-9	INTERCHANGE CHARTS PAGE B8-46
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S-2000 & E-S2000 Bearing End Cover

Shaft Size	Housing Design			
	S2000		* E-S2000	
	Part #	Description	Part #	Description
1-3/8 to 1-1/2	069970	S2EC08	069960	IPEC08
1-11/16 to 1-3/4	069971	S2EC09	069961	IPEC09
1-15/16 to 2	069972	S2EC10	069962	IPEC10
2-3/16	069973	S2EC11	069963	IPEC11
2-7/16	069974	S2EC13	069964	IPEC13
2 11/16 to 3	069975	S2EC15	069965	IPEC15
3-7/16	069966	S2EC18	069966	S2IPEC18
3-15/16	069967	S2IPEC20	069967	S2IPEC20
4-7/16	069968	S2IPEC22	069968	S2IPEC22
4-15/16	069969	S2IPEC26	069969	S2IPEC26

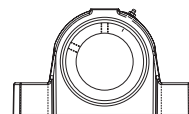
* End Covers for S2000 with Type E dimensioned housing

“A” DIMENSION

SHAFT SIZE (IN)	S-2000 Pillow Block	*E-S2000 Pillow Block	S-2000 Piloted Flange	*E-S2000 Piloted Flange	S-2000 Flange	*E-S2000 Flange	Wide Slot Take-up	Top Angle Take-up
1-3/8 thru 1-1/2	1.97	1.83	1.61	1.61	3.06	3.39	2.00	N/A
1-11/16 thru 1-3/4	2.16	2.20	1.77	1.77	3.27	4.01	2.13	N/A
1-15/16 thru 2	2.25	2.00	1.86	1.86	3.41	3.89	2.19	2.25
2 -3/16	2.41	2.47	1.94	1.94	3.63	4.47	2.36	2.41
2 -7/16	2.44	2.44	2.09	2.09	3.95	4.63	2.44	2.61
2 -11/16 thru 3	2.56	2.54	2.20	2.20	4.09	4.97	2.61	2.64
3 -7/16	2.94	2.91	2.78	2.78	4.73	5.65	2.94	2.94
3-15/16	3.36	3.67	3.19	3.19	5.38	7.04	3.39	3.48
4 -7/16	3.83	3.78	3.89	3.72	N/A	7.49	3.84	3.83
4-15/16	4.36	4.33	4.11	3.95	N/A	N/A	4.36	4.36

* S-2000 With Type E dimensioned Housing

FEATURES/BENEFITS PAGE B8-3	NOMENCLATURE PAGE B8-7	SELECTION PAGE B8-9	INTERCHANGE CHARTS PAGE B8-46
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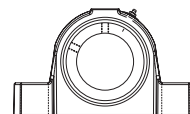
Old to New S-2000 2-Bolt Pillow Block

Shaft Size Inch	TRIDENT Triple Lip Seal					Labyrinth Seal														
	Old S2000	Non-Expansion		Old S2000	Expansion		Old S2000	Non-Expansion		Old S2000	Expansion									
1-1/8	044608	See IMPERIAL For Substitute		044636	See IMPERIAL For Substitute		045050	See IMPERIAL For Substitute		045075	See IMPERIAL For Substitute									
1-3/16	044609			044637			045051			045076										
1-1/4	044610			044638			045052			045077										
1-3/8	044611	070272	P2B-S2-106R	044639	070295	P2B-S2-106RE	045053	070318	P2B-S2-106L	045078	070341	P2B-S2-106LE								
1-7/16	044612	070273	P2B-S2-107R	044640	070296	P2B-S2-107RE	045054	070319	P2B-S2-107L	045079	070342	P2B-S2-107LE								
1-1/2	044613	070274	P2B-S2-108R	044641	070297	P2B-S2-108RE	045055	070320	P2B-S2-108L	045080	070343	P2B-S2-108LE								
1-5/8	044614	See IMPERIAL For Substitute		044642	See IMPERIAL For Substitute		045056	See IMPERIAL For Substitute		045081	See IMPERIAL For Substitute									
1-1/16	044615			070276			P2B-S2-111R			044643			070299	P2B-S2-111RE	045057	070322	P2B-S2-111L	045082	070345	P2B-S2-111LE
1-3/4	044616			070277			P2B-S2-112R			044644			070300	P2B-S2-112RE	045058	070323	P2B-S2-112L	045083	070346	P2B-S2-112LE
1-7/8	044617	See IMPERIAL For Substitute		044645	See IMPERIAL For Substitute		045059	See IMPERIAL For Substitute		045084	See IMPERIAL For Substitute									
1-15/16	044618			070278			P2B-S2-115R			044646			070301	P2B-S2-115RE	045060	070324	P2B-S2-115L	045085	070347	P2B-S2-115LE
2	044619			070279			P2B-S2-200R			044647			070302	P2B-S2-200RE	045061	070325	P2B-S2-200L	045086	070348	P2B-S2-200LE
2-3/16	044620	070280	P2B-S2-203R	044648	070303	P2B-S2-203RE	045062	070326	P2B-S2-203L	045087	070349	P2B-S2-203LE								
2-1/4	044621	See IMPERIAL For Substitute		044649	See IMPERIAL For Substitute		045063	See IMPERIAL For Substitute		045088	See IMPERIAL For Substitute									
2-3/8	044622			044650			045064			045089										
2-7/16	044623			070282			P2B-S2-207R			044651			070305	P2B-S2-207RE	045065	070328	P2B-S2-207L	045090	070351	P2B-S2-207LE
2-1/2	044624	See IMPERIAL For Substitute		044652	See IMPERIAL For Substitute		045066	See IMPERIAL For Substitute		045091	See IMPERIAL For Substitute									
2-11/16	044625			070284			P2B-S2-211R			044653			070307	P2B-S2-211RE	045067	070330	P2B-S2-211L	045092	070353	P2B-S2-211LE
2-3/4	044626			See IMPERIAL For Substitute			044654			See IMPERIAL For Substitute			045068	See IMPERIAL For Substitute		045093	See IMPERIAL For Substitute			
2-15/16	044627	070285	P2B-S2-215R			044655	070308	P2B-S2-215RE	045069			070331	P2B-S2-215L			045094			070354	P2B-S2-215LE
3	044628	070286	P2B-S2-300R			044656	070309	P2B-S2-300RE	045070			070332	P2B-S2-300L			045095			070355	P2B-S2-300LE
3-3/16	044629	See IMPERIAL For Substitute		044657	See IMPERIAL For Substitute		045071	See IMPERIAL For Substitute		045096	See IMPERIAL For Substitute									
3-1/4	044630			044658			---			---										
3-7/16	044631			070288			P2B-S2-307R			044659			070311	P2B-S2-307RE	045073	070334	P2B-S2-307L	045098	070357	P2B-S2-307LE
3-1/2	044632	See IMPERIAL For Substitute		044660	See IMPERIAL For Substitute		045074	See IMPERIAL For Substitute		045099	See IMPERIAL For Substitute									
3-11/16	044633			044661			---			---										
3-15/16	044634			070290			P2B-S2-315R			044662			070313	P2B-S2-315RE	042759	070336	P2B-S2-315L	042784	070359	P2B-S2-315LE
4	044635	See IMPERIAL For Substitute		044663	See IMPERIAL For Substitute		042760	See IMPERIAL For Substitute		042785	See IMPERIAL For Substitute									

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NOTE: IMPERIAL Substitute - see page B8-53

S-2000 FEATURES/BENEFITS PAGE B8-3	S-2000 NOMENCLATURE PAGE B8-7	S-2000 SELECTION PAGE B8-9	S-2000 DIMENSION PAGE B8-18
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Old to New S-2000 4-Bolt Pillow Block

Shaft Size Inch	TRIDENT Triple Lip Seal						Labyrinth Seal					
	Old S2000	Non-Expansion		Old S2000	Expansion		Old S2000	Non-Expansion		Old S2000	Expansion	
1-15/16	044665	070361	P4B-S2-115R	044688	070379	P4B-S2-115RE	045101	070397	P4B-S2-115L	045117	070415	P4B-S2-115LE
2	044666	070362	P4B-S2-200R	044689	070380	P4B-S2-200RE	045102	070398	P4B-S2-200L	045118	070416	P4B-S2-200LE
2-3/16	044667	070363	P4B-S2-203R	044690	070381	P4B-S2-203RE	045103	070399	P4B-S2-203L	045119	070417	P4B-S2-203LE
2-1/4	044668	See IMPERIAL For Substitute		044691	See IMPERIAL For Substitute		045104	See IMPERIAL For Substitute		045120	See IMPERIAL For Substitute	
2-7/16	044670	070365	P4B-S2-207R	044693	070383	P4B-S2-207RE	045106	070401	P4B-S2-207L	045122	070419	P4B-S2-207LE
2-1/2	044671	See IMPERIAL For Substitute		044694	See IMPERIAL For Substitute		045107	See IMPERIAL For Substitute		045123	See IMPERIAL For Substitute	
2-11/16	044672	070367	P4B-S2-211R	044695	070385	P4B-S2-211RE	045108	070403	P4B-S2-211L	045124	070421	P4B-S2-211LE
2-15/16	044674	070368	P4B-S2-215R	044697	070386	P4B-S2-215RE	045110	070404	P4B-S2-215L	045126	070422	P4B-S2-215LE
3	044675	070369	P4B-S2-300R	044698	070387	P4B-S2-300RE	045111	070405	P4B-S2-300L	045127	070423	P4B-S2-300LE
3-3/16	044676	See IMPERIAL For Substitute		044699	See IMPERIAL For Substitute		045112	See IMPERIAL For Substitute		045128	See IMPERIAL For Substitute	
3-1/4	044677	See IMPERIAL For Substitute		044700	See IMPERIAL For Substitute		045113	See IMPERIAL For Substitute		045128	See IMPERIAL For Substitute	
3-7/16	044678	070371	P4B-S2-307R	044701	070389	P4B-S2-307RE	045114	070407	P4B-S2-307L	045130	070425	P4B-S2-307LE
3-1/2	044679	See IMPERIAL For Substitute		044702	See IMPERIAL For Substitute		045115	See IMPERIAL For Substitute		045131	See IMPERIAL For Substitute	
3-11/16	044680	See IMPERIAL For Substitute		044703	See IMPERIAL For Substitute		043031	See IMPERIAL For Substitute		043006	See IMPERIAL For Substitute	
3-15/16	044681	070373	P4B-S2-315R	044704	070391	P4B-S2-315RE	043032	070409	P4B-S2-315L	043007	070427	P4B-S2-315LE
4	044682	See IMPERIAL For Substitute		044705	See IMPERIAL For Substitute		043033	See IMPERIAL For Substitute		043008	See IMPERIAL For Substitute	
4-7/16	044683	070375	P4B-S2-407R	044706	070393	P4B-S2-407RE	043034	070411	P4B-S2-407L	043009	070429	P4B-S2-407LE
4-1/2	044684	See IMPERIAL For Substitute		044707	See IMPERIAL For Substitute		043035	See IMPERIAL For Substitute		043010	See IMPERIAL For Substitute	
4-15/16	044685	070377	P4B-S2-415R	044708	070395	P4B-S2-415RE	043036	070413	P4B-S2-415L	043011	070431	P4B-S2-415LE
5	044686	See IMPERIAL For Substitute		044709	See IMPERIAL For Substitute		043037	See IMPERIAL For Substitute		043012	See IMPERIAL For Substitute	

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NOTE: IMPERIAL Substitute - see page B8-53

S-2000 FEATURES/BENEFITS PAGE B8-3	S-2000 NOMENCLATURE PAGE B8-7	S-2000 SELECTION PAGE B8-9	S-2000 DIMENSION PAGE B8-18
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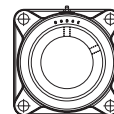
Old to New S-2000 Round Flange

Shaft Size Inch	TRIDENT Triple Lip Seal					Labyrinth Seal						
	Old S2000	Non-Expansion		Old S2000	Expansion		Old S2000	Non-Expansion		Old S2000	Expansion	
1 -3/16	044711	See IMPERIAL For Substitute		044739	See IMPERIAL For Substitute		---	See IMPERIAL For Substitute		---	See IMPERIAL For Substitute	
1 -1/4	044712			044740			045134			045159		
1 -3/8	044713	070436	F3R-S2-106R	044741	070470	F3R-S2-106RE	045134	070491	F3R-S2-106L	045160	070523	F3R-S2-106LE
1 -7/16	044714	070437	F3R-S2-107R	044742	070471	F3R-S2-107RE	045136	070492	F3R-S2-107L	045161	070524	F3R-S2-107LE
1 -1/2	044715	070438	F3R-S2-108R	044743	070472	F3R-S2-108RE	045137	070493	F3R-S2-108L	045162	070525	F3R-S2-108LE
1 -5/8	044716	See IMPERIAL For Substitute		044744	See IMPERIAL For Substitute		045138	See IMPERIAL For Substitute		045163	See IMPERIAL For Substitute	
1 11/16	044717	070440	F4R-S2-111R	044745	070474	F4R-S2-111RE	045139	070495	F4R-S2-111L	045164	070527	F4R-S2-111LE
1 -3/4	044718	070441	F4R-S2-112R	044746	070475	F4R-S2-112RE	045140	070496	F4R-S2-112L	045165	070528	F4R-S2-112LE
1 -7/8	044719	See IMPERIAL For Substitute		044747	See IMPERIAL For Substitute		045141	See IMPERIAL For Substitute		045166	See IMPERIAL For Substitute	
1 -15/16	044720	070442	F4R-S2-115R	044748	070476	F4R-S2-115RE	045142	070497	F4R-S2-115L	045167	070529	F4R-S2-115LE
2	044721	070443	F4R-S2-200R	044749	070477	F4R-S2-200RE	045143	070498	F4R-S2-200L	045168	070530	F4R-S2-200LE
2 -3/16	044722	070444	F4R-S2-203R	044750	070478	F4R-S2-203RE	045144	070499	F4R-S2-203L	045169	070531	F4R-S2-203LE
2 -1/4	044723	See IMPERIAL For Substitute		044751	See IMPERIAL For Substitute		045145	See IMPERIAL For Substitute		045170	See IMPERIAL For Substitute	
2 -7/16	044725	070446	F4R-S2-207R	044753	070480	F4R-S2-207RE	045147	070501	F4R-S2-207L	045172	070533	F4R-S2-207LE
2 -1/2	044726	See IMPERIAL For Substitute		044754	See IMPERIAL For Substitute		045148	See IMPERIAL For Substitute		045173	See IMPERIAL For Substitute	
2 -11/16	044727	070448	F4R-S2-211R	044755	070482	F4R-S2-211RE	045149	070503	F4R-S2-211L	045174	070535	F4R-S2-211LE
2 -3/4	044728	See IMPERIAL For Substitute		044756	See IMPERIAL For Substitute		045150	See IMPERIAL For Substitute		045175	See IMPERIAL For Substitute	
2 -15/16	044729	070449	F4R-S2-215R	044757	070483	F4R-S2-215RE	045151	070504	F4R-S2-215L	045176	070536	F4R-S2-215LE
3	044730	070450	F4R-S2-300R	044758	070484	F4R-S2-300RE	---	070505	F4R-S2-300L	---	070537	F4R-S2-300LE

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NOTE: IMPERIAL Substitute - see page B8-54

S-2000 FEATURES/BENEFITS PAGE B8-3	S-2000 NOMENCLATURE PAGE B8-7	S-2000 SELECTION PAGE B8-9	S-2000 DIMENSION PAGE B8-18
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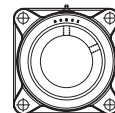
Old to New S-2000 Square Flange

Shaft Size Inch	TRIDENT Triple Lip Seal						Labyrinth Seal					
	Old S2000	Non-Expansion		Old S2000	Expansion		Old S2000	Non-Expansion		Old S2000	Expansion	
1-3/8	---	070541	F4S-S2-106R	---	070564	F4S-S2-106RE	---	070600	F4S-S2-106L	---	070853	F4S-S2-106LE
1-7/16	---	070542	F4S-S2-107R	---	070565	F4S-S2-107RE	---	070601	F4S-S2-107L	---	070854	F4S-S2-107LE
1-1/2	---	070543	F4S-S2-108R	---	070566	F4S-S2-108RE	---	070602	F4S-S2-108L	---	070855	F4S-S2-108LE
1-5/8	---	070544	F4S-S2-110R	---	070567	F4S-S2-110RE	---	070603	F4S-S2-110L	---	070856	F4S-S2-110LE
1-11/16	---	070545	F4S-S2-111R	---	070568	F4S-S2-111RE	---	070604	F4S-S2-111L	---	070857	F4S-S2-111LE
1-3/4	---	070546	F4S-S2-112R	---	070569	F4S-S2-112RE	---	070605	F4S-S2-112L	---	070858	F4S-S2-112LE
1-15/16	---	070547	F4S-S2-115R	---	070570	F4S-S2-115RE	---	070606	F4S-S2-115L	---	070859	F4S-S2-115LE
2	---	070548	F4S-S2-200R	---	070571	F4S-S2-200RE	---	070607	F4S-S2-200L	---	070860	F4S-S2-200LE
2-3/16	---	070549	F4S-S2-203R	---	070572	F4S-S2-203RE	---	070608	F4S-S2-203L	---	070861	F4S-S2-203LE
2-1/4	---	070550	F4S-S2-204R	---	070573	F4S-S2-204RE	---	070609	F4S-S2-204L	---	070862	F4S-S2-204LE
2-7/16	---	070551	F4S-S2-207R	---	070574	F4S-S2-207RE	---	070610	F4S-S2-207L	---	070863	F4S-S2-207LE
2-1/2	---	See IMPERIAL For Substitute		---	See IMPERIAL For Substitute		---	See IMPERIAL For Substitute		---	See IMPERIAL For Substitute	
2-11/16	---	070553	F4S-S2-211R	---	070576	F4S-S2-211RE	---	070612	F4S-S2-211L	---	070865	F4S-S2-211LE
2-15/16	---	070554	F4S-S2-215R	---	070577	F4S-S2-215RE	---	070613	F4S-S2-215L	---	070866	F4S-S2-215LE
3	---	070555	F4S-S2-300R	---	070578	F4S-S2-300RE	---	070614	F4S-S2-300L	---	070867	F4S-S2-300LE
3-3/16	044731	See IMPERIAL For Substitute		044759	See IMPERIAL For Substitute		045153	See IMPERIAL For Substitute		045178	See IMPERIAL For Substitute	
3-1/4	044732	See IMPERIAL For Substitute		044760	See IMPERIAL For Substitute		045154	See IMPERIAL For Substitute		045179	See IMPERIAL For Substitute	
3-7/16	044733	070557	F4S-S2-307R	044761	070580	F4S-S2-307RE	045155	070616	F4S-S2-307L	045180	070869	F4S-S2-307LE
3-1/2	044734	See IMPERIAL For Substitute		044762	See IMPERIAL For Substitute		045156	See IMPERIAL For Substitute		045181	See IMPERIAL For Substitute	
3-11/16	044735	See IMPERIAL For Substitute		044763	See IMPERIAL For Substitute		042918	See IMPERIAL For Substitute		042893	See IMPERIAL For Substitute	
3-15/16	044736	070559	F4S-S2-315R	044764	070582	F4S-S2-315RE	042919	070618	F4S-S2-315L	042894	070871	F4S-S2-315LE
4	044737	See IMPERIAL For Substitute		044765	See IMPERIAL For Substitute		042920	See IMPERIAL For Substitute		042895	See IMPERIAL For Substitute	

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NOTE: IMPERIAL Substitute - see page B8-54

S-2000 FEATURES/BENEFITS PAGE B8-3	S-2000 NOMENCLATURE PAGE B8-7	S-2000 SELECTION PAGE B8-9	S-2000 DIMENSION PAGE B8-18
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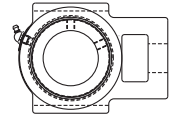
Old to New S-2000 Piloted Flange

Shaft Size Inch	TRIDENT Triple Lip Seal					Labyrinth Seal						
	Old S2000	Non-Expansion		Old S2000	Expansion		Old S2000	Non-Expansion		Old S2000	Expansion	
1 -3/16	044767	See IMPERIAL For Substitute		044846	See IMPERIAL For Substitute		045183	See IMPERIAL For Substitute		045208	See IMPERIAL For Substitute	
1-1/4	044768			044847			045184			045209		
1-3/8	044769	070644	FC-S2-106R	044848	070671	FC-S2-106RE	045185	070698	FC-S2-106L	045210	070725	FC-S2-106LE
1 -7/16	044770	070645	FC-S2-107R	044849	070672	FC-S2-107RE	045186	070699	FC-S2-107L	045211	070726	FC-S2-107LE
1-1/2	044771	070646	FC-S2-108R	044850	070673	FC-S2-108RE	045187	070700	FC-S2-108L	045212	070727	FC-S2-108LE
1-5/8	044772	See IMPERIAL For Substitute		044851	See IMPERIAL For Substitute		045188	See IMPERIAL For Substitute		045213	See IMPERIAL For Substitute	
1-11/16	044773	070648	FC-S2-111R	044852	070675	FC-S2-111RE	045189	070702	FC-S2-111L	045214	070729	FC-S2-111LE
1-3/4	044774	070649	FC-S2-112R	044853	070676	FC-S2-112RE	045190	070703	FC-S2-112L	045215	070730	FC-S2-112LE
1-15/16	044776	070650	FC-S2-115R	044855	070677	FC-S2-115RE	045192	070704	FC-S2-115L	045217	070731	FC-S2-115LE
2	044777	070651	FC-S2-200R	044856	070678	FC-S2-200RE	045193	070705	FC-S2-200L	045218	070732	FC-S2-200LE
2 -3/16	044778	070652	FC-S2-203R	044857	070679	FC-S2-203RE	045194	070706	FC-S2-203L	045219	070733	FC-S2-203LE
2-1/4	044779	See IMPERIAL For Substitute		044858	See IMPERIAL For Substitute		045195	See IMPERIAL For Substitute		045220	See IMPERIAL For Substitute	
2-3/8	044780	See IMPERIAL For Substitute		044859	See IMPERIAL For Substitute		045196	See IMPERIAL For Substitute		045221	See IMPERIAL For Substitute	
2 -7/16	044781	070654	FC-S2-207R	044860	070681	FC-S2-207RE	045197	070708	FC-S2-207L	045222	070735	FC-S2-207LE
2-1/2	044782	See IMPERIAL For Substitute		044861	See IMPERIAL For Substitute		045198	See IMPERIAL For Substitute		045223	See IMPERIAL For Substitute	
2-11/16	044783	070656	FC-S2-211R	044862	070683	FC-S2-211RE	045199	070710	FC-S2-211L	045224	070737	FC-S2-211LE
2-3/4	044784	See IMPERIAL For Substitute		044863	See IMPERIAL For Substitute		045200	See IMPERIAL For Substitute		045225	See IMPERIAL For Substitute	
2-15/16	044785	070657	FC-S2-215R	044864	070684	FC-S2-215RE	045201	070711	FC-S2-215L	045226	070738	FC-S2-215LE
3	044786	070658	FC-S2-300R	044865	070685	FC-S2-300RE	045202	070712	FC-S2-300L	045227	070739	FC-S2-300LE
3 -3/16	044787	See IMPERIAL For Substitute		044866	See IMPERIAL For Substitute		045203	See IMPERIAL For Substitute		045228	See IMPERIAL For Substitute	
3 -7/16	044789	070660	FC-S2-307R	044868	070687	FC-S2-307RE	045205	070714	FC-S2-307L	045230	070741	FC-S2-307LE
3-1/2	044790	See IMPERIAL For Substitute		044869	See IMPERIAL For Substitute		045206	See IMPERIAL For Substitute		045231	See IMPERIAL For Substitute	
3-11/16	044791	See IMPERIAL For Substitute		044870	See IMPERIAL For Substitute		042943	See IMPERIAL For Substitute		042968	See IMPERIAL For Substitute	
3-15/16	044792	070662	FC-S2-315R	044871	070689	FC-S2-315RE	042944	070716	FC-S2-315L	042969	070743	FC-S2-315LE
4	044793	See IMPERIAL For Substitute		044872	See IMPERIAL For Substitute		042945	See IMPERIAL For Substitute		042970	See IMPERIAL For Substitute	
4 -7/16	045869	070664	FC-S2-407R	045870	070691	FC-S2-407RE	---	070718	FC-S2-407L	---	070745	FC-S2-407LE
4-15/16	045877	070666	FC-S2-415R	045878	070693	FC-S2-415RE	---	070720	FC-S2-415L	---	070747	FC-S2-415LE

"---" = Not Previously Offered

NOTE: IMPERIAL Substitute - see page B8-54

S-2000 FEATURES/BENEFITS PAGE B8-3	S-2000 NOMENCLATURE PAGE B8-7	S-2000 SELECTION PAGE B8-9	S-2000 DIMENSION PAGE B8-18
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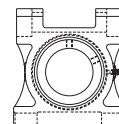
Old to New S-2000 Wide Slot Take Up

Shaft Size Inch	TRIDENT Triple Lip Seal				
	Old S2000	Non-Expansion		Old S2000	Expansion
1 -1/18	044873	See IMPERIAL For Substitute		044960	See IMPERIAL For Substitute
1 -3/16	044874			044961	
1 -1/4	044875			044962	
1 -3/8	044876	070752	WSTU-S2-106R	044963	070779 WSTU-S2-106RE
1 -7/16	044877	070753	WSTU-S2-107R	044964	070780 WSTU-S2-107RE
1 -1/2	044878	070754	WSTU-S2-108R	044965	070781 WSTU-S2-108RE
1 -5/8	044879	See IMPERIAL For Substitute		044966	See IMPERIAL For Substitute
1 -11/16	044880	070756	WSTU-S2-111R	044967	070783 WSTU-S2-111RE
1 -3/4	044881	070757	WSTU-S2-112R	044968	070784 WSTU-S2-112RE
1 -15/16	044883	070758	WSTU-S2-115R	044970	070785 WSTU-S2-115RE
2	044884	070759	WSTU-S2-200R	044971	070786 WSTU-S2-200RE
2 -3/16	044885	070760	WSTU-S2-203R	044972	070787 WSTU-S2-203RE
2 -1/4	044886	See IMPERIAL For Substitute		044973	See IMPERIAL For Substitute
2 -7/16	044888	070762	WSTU-S2-207R	044975	070789 WSTU-S2-207RE
2 -1/2	044889	See IMPERIAL For Substitute		044976	See IMPERIAL For Substitute
2 -11/16	044890	070764	WSTU-S2-211R	044977	070791 WSTU-S2-211RE
2 -3/4	044891	See IMPERIAL For Substitute		044978	See IMPERIAL For Substitute
2 -15/16	044892	070765	WSTU-S2-215R	044979	070792 WSTU-S2-215RE
3	044893	070766	WSTU-S2-300R	044980	070793 WSTU-S2-300RE
3 -3/16	044894	See IMPERIAL For Substitute		044981	See IMPERIAL For Substitute
3 -1/4	044950			044982	
3 -7/16	044951			044983	
3 -1/2	044952	See IMPERIAL For Substitute		044984	See IMPERIAL For Substitute
3 -11/16	044953	See IMPERIAL For Substitute		044985	See IMPERIAL For Substitute
3 -15/16	044954	070770	WSTU-S2-315R	044986	070797 WSTU-S2-315RE
4	044955	See IMPERIAL For Substitute		044987	See IMPERIAL For Substitute
4 -7/16	044956	070772	WSTU-S2-407R	044988	070799 WSTU-S2-407RE
4 -1/2	044957	See IMPERIAL For Substitute		044989	See IMPERIAL For Substitute
4 -15/16	044958	070774	WSTU-S2-415R	044990	070801 WSTU-S2-415RE
5	044959	See IMPERIAL For Substitute		044991	See IMPERIAL For Substitute

"---" = Not Previously Offered

NOTE: IMPERIAL Substitute - see page B8-55

S-2000 FEATURES/BENEFITS PAGE B8-3	S-2000 NOMENCLATURE PAGE B8-7	S-2000 SELECTION PAGE B8-9	S-2000 DIMENSION PAGE B8-18
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Old to New S-2000 TPHU Take Up

Shaft Size Inch	TRIDENT Triple Lip Seal					
	Old S2000	Non-Expansion		Old S2000	Expansion	
1-15/16	044993	070811	TPHU-S2-115R	045017	070829	TPHU-S2-115R
2	044994	070812	TPHU-S2-200R	045018	070830	TPHU-S2-200R
2-3/16	044995	070813	TPHU-S2-203R	045019	070831	TPHU-S2-203R
2-1/4	044996	See IMPERIAL For Substitute		045020	See IMPERIAL For Substitute	
2-7/16	044998	070815	TPHU-S2-207R	045022	070833	TPHU-S2-207R
2-1/2	045000	See IMPERIAL For Substitute		045023	See IMPERIAL For Substitute	
2-11/16	045001	070817	TPHU-S2-211R	045024	070835	TPHU-S2-211R
2-15/16	045003	070818	TPHU-S2-215R	045026	070836	TPHU-S2-215R
3	045004	070819	TPHU-S2-300R	045027	070837	TPHU-S2-300R
3-3/16	045005	See IMPERIAL For Substitute		045028	See IMPERIAL For Substitute	
3-7/16	045007	070821	TPHU-S2-307R	045030	070839	TPHU-S2-307R
3-1/2	045008	See IMPERIAL For Substitute		045031	See IMPERIAL For Substitute	
3-15/16	045010	070823	TPHU-S2-315R	045033	070841	TPHU-S2-315R
4	045011	See IMPERIAL For Substitute		045034	See IMPERIAL For Substitute	
4-7/16	045012	070825	TPHU-S2-407R	045035	070843	TPHU-S2-407R
4-1/2	045012	See IMPERIAL For Substitute		045036	See IMPERIAL For Substitute	
4-15/16	045014	070827	TPHU-S2-415R	045037	070845	TPHU-S2-415R

"---" = Not Previously Offered



Discontinued S-2000 2-Bolt Pillow Block to New IMPERIAL

Shaft Size Inch	TRIDENT Triple Lip Seal				Labyrinth Seal			
	Old S2000	IMPERIAL Non-Expansion Substitute	Old S2000	IMPERIAL Expansion Substitute	Old S2000	IMPERIAL Non-Expansion Substitute	Old S2000	IMPERIAL Expansion Substitute
1-1/8	044608	069400	044636	069428	045050	069456	045075	069484
1-3/16	044609	069401	044637	069429	045051	069457	045076	069485
1-1/4	044610	069402	044638	069430	045052	069458	045077	069486
1-5/8	044614	069403	044642	069434	045056	069462	045081	069490
1-7/8	044617	069409	044645	069437	---	069465	---	069493
2-1/4	044621	069413	044649	069441	045063	069469	045088	069497
2-3/8	044622	069414	044650	069442	---	069470	---	069498
2-1/2	044624	069416	044652	069444	045066	069472	045091	069500
2-3/4	044626	069418	044654	069446	045068	069474	045093	069502
3-3/16	044629	069421	044657	069449	045071	069477	045096	069505
3-1/4	044630	069422	044658	069450	---	069478	---	069506
3-1/2	044632	069424	044660	069452	045074	069480	045099	069508
3-11/16	044633	069425	044661	069453	---	069481	---	069509
4	044635	069427	044663	069455	042760	069483	042785	069511

“---”= Not Previously Offered in S2000

Discontinued S-2000 4-Bolt Pillow Block to New IMPERIAL

Shaft Size Inch	TRIDENT Triple Lip Seal				Labyrinth Seal			
	Old S2000	IMPERIAL Non-Expansion Substitute	Old S2000	IMPERIAL Expansion Substitute	Old S2000	IMPERIAL Non-Expansion Substitute	Old S2000	IMPERIAL Expansion Substitute
2-1/2	044671	069522	044694	069540	045107	069558	045123	069576
3-3/16	044676	069527	044699	069545	045112	069563	045128	069581
3-1/4	044677	069528	044700	069546	045113	069564	045128	069582
3-1/2	044679	069530	044702	069548	045115	069566	045131	069584
3-11/16	044680	069531	044703	069549	043031	069567	043006	069585
4	044682	069533	044705	069551	043033	069569	043008	069587
4-1/2	044684	069535	044707	069553	043035	069571	043010	069589
5	044686	069537	044709	069555	043037	069573	043012	069591



Discontinued S-2000 Round Flange to New IMPERIAL

Shaft Size Inch	TRIDENT Triple Lip Seal				Labyrinth Seal			
	Old S2000	IMPERIAL Non-Expansion Substitute	Old S2000	IMPERIAL Expansion Substitute	Old S2000	IMPERIAL Non-Expansion Substitute	Old S2000	IMPERIAL Expansion Substitute
1 -3/16	044711	069593	044739	069631	---		---	
1-1/4	044712	069594	044740	069632	045134	069653	045159	069674
1-5/8	044716	069598	044744	069636	045138	069657	045163	069678
1-7/8	044719	069601	044747	069639	---		---	
2-1/4	044723	069605	044751	069643	045145	069664	045170	069685
2-1/2	044726	069608	044754	069646	045148	069667	045173	069688
2-3/4	044728	069610	044756	069648	045150	069669	045175	069690

“---”= Not Previously Offered in S2000

Discontinued S-2000 Square Flange to New IMPERIAL

Shaft Size Inch	TRIDENT Triple Lip Seal				Labyrinth Seal			
	Old S2000	IMPERIAL Non-Expansion Substitute	Old S2000	IMPERIAL Expansion Substitute	Old S2000	IMPERIAL Non-Expansion Substitute	Old S2000	IMPERIAL Expansion Substitute
3-1/4	044732	069715	044760	069743	045154	069771	045179	069799
3-1/2	044734	069717	044762	069745	045156	069773	045181	069801
3-11/16	044735	069718	044763	069746	042918	069774	042893	069802
4	044737	069720	044765	069748	042920	069776	042895	069804

Discontinued S-2000 Piloted Flange to New IMPERIAL

Shaft Size Inch	TRIDENT Triple Lip Seal				Labyrinth Seal			
	Old S2000	IMPERIAL Non-Expansion Substitute	Old S2000	IMPERIAL Expansion Substitute	Old S2000	IMPERIAL Non-Expansion Substitute	Old S2000	IMPERIAL Expansion Substitute
1 -3/16	044767	069806	044846	069838	045183	069870	045208	069902
1-1/4	044768	069807	044847	069839	045184	069871	045209	069903
1-5/8	044772	069811	044851	069843	045188	069875	045213	069907
2-1/4	044779	069818	044858	069850	045195	069882	045220	069914
2-3/8	044780	069819	044859	069851	045196	069883	045221	069915
2-1/2	044782	069821	044861	069853	045198	069885	045223	069917
2-3/4	044784	069823	044863	069855	045200	069887	045225	069919
3 -3/16	044787	069826	044866	069858	045203	069890	045228	069922
3-1/2	044790	069829	044869	069861	045206	069893	045231	069925
3-11/16	044791	069830	044870	069862	042943	069894	042968	069926
4	044793	069832	044872	069864	042945	069896	042970	069928

IMPERIAL FEATURES PAGE B10-2	IMPERIAL HOW TO ORDER PAGE B10-6	IMPERIAL NOMENCLATURE PAGE B10-7	IMPERIAL SELECTION PAGE B10-17
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INTERCHANGE



Discontinued S-2000 WSTU to New IMPERIAL

Shaft Size Inch	TRIDENT Triple Lip Seal			
	Old S2000	IMPERIAL Non-Expansion Substitute	Old S2000	IMPERIAL Expansion Substitute
1 -1/18	044873	069340	044960	069368
1 -3/16	044874	069341	044961	069369
1 -1/4	044875	069342	044962	069370
1 - 5/8	044879	069346	044966	069374
2 -1/4	044886	069353	044973	069381
2 -1/2	044889	069356	044976	069384
2 -3/4	044891	069358	044978	069386
3 -3/16	044894	069361	044981	069389
3 -1/4	044950	069362	044982	069390
3 -1/2	044952	069364	044984	069392
3 -11/16	044953	069365	044985	069393
4	044955	069367	044987	069395

NOTES



S-2000 FEATURES/BENEFITS PAGE B8-3	S-2000 NOMENCLATURE PAGE B8-7	S-2000 SELECTION PAGE B8-9	S-2000 DIMENSION PAGE B8-18
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