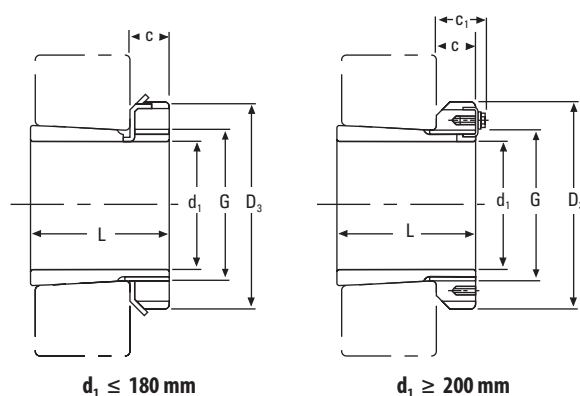


## MANGUITOS ADAPTADORES H

- Conjunto efectivo de rodamiento con agujero cónico.
- Incluye manguito de montaje, tuerca de fijación y arandela de retención o placa de sujeción.
- Puede haber otras dimensiones disponibles, consulte con su ingeniero de ventas de Timken.



| $d_1$ | Manguito<br>Número de<br>parte <sup>(1)</sup> | L   | C  | Rosca <sup>(2)</sup><br>G | D3  | $C_1$ | Peso | Tuercas de<br>fijación | Arandela de<br>retención<br>y placas de<br>sujeción | Tuerca hidráulica<br>correspondiente |
|-------|-----------------------------------------------|-----|----|---------------------------|-----|-------|------|------------------------|-----------------------------------------------------|--------------------------------------|
| mm    |                                               | mm  | mm | mm                        | mm  | mm    | kg   |                        |                                                     |                                      |
| 20    | H305                                          | 29  | 8  | M 25x1,5                  | 38  | —     | 0,17 | KM5                    | MB5                                                 | —                                    |
| 25    | H306                                          | 31  | 8  | M 30x1,5                  | 45  | —     | 0,24 | KM6                    | MB6                                                 | —                                    |
| 30    | H307                                          | 35  | 9  | M 35x1,5                  | 52  | —     | 0,31 | KM7                    | MB7                                                 | —                                    |
| 35    | H308                                          | 36  | 10 | M 40x1,5                  | 58  | —     | 0,42 | KM8                    | MB8                                                 | —                                    |
| 35    | H2308                                         | 46  | 10 | M 40x1,5                  | 58  | —     | 0,22 | KM8                    | MB8                                                 | —                                    |
| 40    | H309                                          | 39  | 11 | M 45x1,5                  | 65  | —     | 0,55 | KM9                    | MB9                                                 | —                                    |
| 40    | H2309                                         | 50  | 11 | M 45x1,5                  | 65  | —     | 0,28 | KM9                    | MB9                                                 | —                                    |
| 45    | H310                                          | 42  | 12 | M 50x1,5                  | 70  | —     | 0,67 | KM10                   | MB10                                                | HMV10                                |
| 45    | H2310                                         | 55  | 12 | M 50x1,5                  | 70  | —     | 0,36 | KM10                   | MB10                                                | HMV10                                |
| 50    | H311                                          | 45  | 12 | M 55x2                    | 75  | —     | 0,76 | KM11                   | MB11                                                | HMV11                                |
| 50    | H2311                                         | 59  | 12 | M 55x2                    | 75  | —     | 0,42 | KM11                   | MB11                                                | HMV11                                |
| 55    | H312                                          | 47  | 13 | M 60x2                    | 80  | —     | 0,87 | KM12                   | MB12                                                | HMV12                                |
| 55    | H2312                                         | 62  | 13 | M 60x2                    | 80  | —     | 0,48 | KM12                   | MB12                                                | HMV12                                |
| 60    | H313                                          | 50  | 14 | M 65x2                    | 85  | —     | 1,01 | KM13                   | MB13                                                | HMV13                                |
| 60    | H314                                          | 52  | 14 | M 70x2                    | 92  | —     | 1,59 | KM14                   | MB14                                                | HMV14                                |
| 60    | H2313                                         | 65  | 14 | M 65x2                    | 85  | —     | 0,56 | KM13                   | MB13                                                | HMV13                                |
| 60    | H2314                                         | 68  | 14 | M 70x2                    | 92  | —     | 0,90 | KM14                   | MB14                                                | HMV14                                |
| 65    | H315                                          | 55  | 15 | M 75x2                    | 98  | —     | 1,83 | KM15                   | MB15                                                | HMV15                                |
| 65    | H2315                                         | 73  | 15 | M 75x2                    | 98  | —     | 1,05 | KM15                   | MB15                                                | HMV15                                |
| 70    | H316                                          | 59  | 17 | M 80x2                    | 105 | —     | 2,27 | KM16                   | MB16                                                | HMV16                                |
| 70    | H2316                                         | 78  | 17 | M 80x2                    | 105 | —     | 1,28 | KM16                   | MB16                                                | HMV16                                |
| 75    | H317                                          | 63  | 18 | M 85x2                    | 110 | —     | 2,60 | KM17                   | MB17                                                | HMV17                                |
| 75    | H2317                                         | 82  | 18 | M 85x2                    | 110 | —     | 1,45 | KM17                   | MB17                                                | HMV17                                |
| 80    | H318                                          | 65  | 18 | M 90x2                    | 120 | —     | 3,02 | KM18                   | MB18                                                | HMV18                                |
| 80    | H2318                                         | 86  | 18 | M 90x2                    | 120 | —     | 1,69 | KM18                   | MB18                                                | HMV18                                |
| 85    | H319                                          | 68  | 19 | M 95x2                    | 125 | —     | 3,44 | KM19                   | MB19                                                | HMV19                                |
| 85    | H2319                                         | 90  | 19 | M 95x2                    | 125 | —     | 1,92 | KM19                   | MB19                                                | HMV19                                |
| 90    | H320                                          | 71  | 20 | M 100x2                   | 130 | —     | 3,73 | KM20                   | MB20                                                | HMV20                                |
| 90    | H3120                                         | 76  | 20 | M 100x2                   | 130 | —     | 1,80 | KM20                   | MB20                                                | HMV20                                |
| 90    | H2320                                         | 97  | 20 | M 100x2                   | 130 | —     | 2,15 | KM20                   | MB20                                                | HMV20                                |
| 95    | H321                                          | 74  | 20 | M 105x2                   | 140 | —     | 4,30 |                        | MB21                                                | HMV21                                |
| 95    | H2321                                         | 101 | 20 | M 105x2                   | 140 | —     | 2,46 | KM21                   | MB21                                                | HMV21                                |
| 100   | H322                                          | 77  | 21 | M 110x2                   | 145 | —     | 4,81 | KM22                   | MB22                                                | HMV22                                |
| 100   | H3122                                         | 81  | 21 | M 110x2                   | 145 | —     | 2,25 | KM22                   | MB22                                                | HMV22                                |

<sup>(1)</sup> Los manguitos adaptadores vienen completos con tuercas de fijación y arandelas de retención o placas de sujeción.

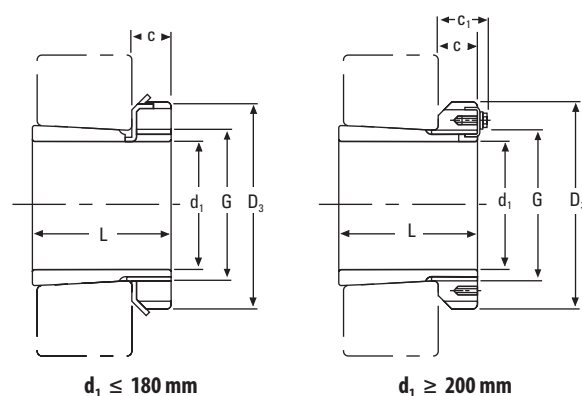
<sup>(2)</sup> M significa rosca en sistema métrico y los dígitos son el diámetro mayor de la rosca y el diámetro primitivo.

NOTA: Los manguitos no se venden por separado.

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## MANGUITOS ADAPTADORES H (continuación)

- Conjunto efectivo de rodamiento con agujero cónico.
- Incluye manguito de montaje, tuerca de fijación y arandela de retención o placa de sujeción.
- Puede haber otras dimensiones disponibles, consulte con su ingeniero de ventas de Timken.



Continúa de la página anterior.

| d <sub>1</sub> | Manguito<br>Número de<br>parte <sup>(1)</sup> | L   | C    | Rosca <sup>(2)</sup><br>G | D <sub>3</sub> | C <sub>1</sub> | Peso  | Tuercas de<br>fijación | Arandela de<br>retención<br>y placas de<br>sujeción | Tuerca hidráulica<br>correspondiente |
|----------------|-----------------------------------------------|-----|------|---------------------------|----------------|----------------|-------|------------------------|-----------------------------------------------------|--------------------------------------|
| mm             |                                               | mm  | mm   | mm                        | mm             | mm             | kg    |                        |                                                     |                                      |
| 100            | H2322                                         | 105 | 21   | M 110x2                   | 145            | —              | 2,74  | KM22                   | MB22                                                | HMV22                                |
| 110            | H3024                                         | 72  | 22   | M 120x2                   | 145            | —              | 1,93  | KML24                  | MBL24                                               | HMV24                                |
| 110            | H3124                                         | 88  | 22   | M 120x2                   | 155            | —              | 2,64  | KM24                   | MB24                                                | HMV24                                |
| 110            | H2324                                         | 112 | 22   | M 120x2                   | 155            | —              | 3,19  | KM24                   | MB24                                                | HMV24                                |
| 115            | H3926                                         | 65  | 23   | M 130x2                   | 155            | —              | 2,40  | KML26                  | MBL26                                               | HMV26                                |
| 115            | H3026                                         | 80  | 23   | M 130x2                   | 155            | —              | 2,85  | KML26                  | MBL26                                               | HMV26                                |
| 115            | H3126                                         | 92  | 23   | M 130x2                   | 165            | —              | 3,66  | KM26                   | MB26                                                | HMV26                                |
| 115            | H2326                                         | 121 | 23   | M 130x2                   | 165            | —              | 4,60  | KM26                   | MB26                                                | HMV26                                |
| 125            | H3928                                         | 66  | 24   | M 140x2                   | 165            | —              | 2,70  | KML28                  | MBL28                                               | HMV28                                |
| 125            | H3028                                         | 82  | 24   | M 140x2                   | 165            | —              | 3,16  | KML28                  | MBL28                                               | HMV28                                |
| 125            | H3128                                         | 97  | 24   | M 140x2                   | 180            | —              | 4,34  | KM28                   | MB28                                                | HMV28                                |
| 125            | H2328                                         | 131 | 24   | M 140x2                   | 180            | —              | 5,55  | KM28                   | MB28                                                | HMV28                                |
| 135            | H3930                                         | 76  | 26   | M 150x2                   | 180            | —              | 3,60  | KML30                  | MBL30                                               | HMV30                                |
| 135            | H3030                                         | 87  | 26   | M 150x2                   | 180            | —              | 3,89  | KML30                  | MBL30                                               | HMV30                                |
| 135            | H3130                                         | 111 | 26   | M 150x2                   | 195            | —              | 5,52  | KM30                   | MB30                                                | HMV30                                |
| 135            | H2330                                         | 139 | 26   | M 150x2                   | 195            | —              | 6,63  | KM30                   | MB30                                                | HMV30                                |
| 140            | H3932                                         | 78  | 27,5 | M 160x3                   | 190            | —              | 4,60  | KML32                  | MBL32                                               | HMV32                                |
| 140            | H3032                                         | 93  | 27,5 | M 160x3                   | 190            | —              | 5,21  | KML32                  | MBL32                                               | HMV32                                |
| 140            | H3132                                         | 119 | 28   | M 160x3                   | 210            | —              | 7,67  | KM32                   | MB32                                                | HMV32                                |
| 140            | H2332                                         | 147 | 28   | M 160x3                   | 210            | —              | 9,14  | KM32                   | MB32                                                | HMV32                                |
| 150            | H3934                                         | 79  | 27,5 | M 170x3                   | 200            | —              | 5,00  | KML34                  | MBL34                                               | HMV34                                |
| 150            | H3034                                         | 101 | 28,5 | M 170x3                   | 200            | —              | 5,99  | KML34                  | MBL34                                               | HMV34                                |
| 150            | H3134                                         | 122 | 29   | M 170x3                   | 220            | —              | 8,38  | KM34                   | MB34                                                | HMV34                                |
| 150            | H2334                                         | 154 | 29   | M 170x3                   | 220            | —              | 10,20 | KM34                   | MB34                                                | HMV34                                |
| 160            | H3936                                         | 87  | 29,5 | M 180x3                   | 210            | —              | 5,70  | KML36                  | MBL36                                               | HMV36                                |
| 160            | H3036                                         | 109 | 29,5 | M 180x3                   | 210            | —              | 6,83  | KML36                  | MBL36                                               | HMV36                                |
| 160            | H3136                                         | 131 | 30   | M 180x3                   | 230            | —              | 9,50  | KM36                   | MB36                                                | HMV36                                |
| 160            | H2336                                         | 161 | 30   | M 180x3                   | 230            | —              | 11,30 | KM36                   | MB36                                                | HMV36                                |
| 170            | H3938                                         | 89  | 30,5 | M 190x3                   | 220            | —              | 6,19  | KML38                  | MBL38                                               | HMV38                                |
| 170            | H3038                                         | 112 | 30,5 | M 190x3                   | 220            | —              | 7,45  | KML38                  | MBL38                                               | HMV38                                |

<sup>(1)</sup> Los manguitos adaptadores vienen completos con tuercas de fijación y arandelas de retención o placas de sujeción.

<sup>(2)</sup> M significa rosca en sistema métrico y los dígitos son el diámetro mayor de la rosca y el diámetro primitivo.

NOTA: Los manguitos no se venden por separado.

Continúa en la página siguiente.

Continúa de la página anterior.

| d <sub>1</sub> | Manguito<br>Número de<br>parte <sup>(1)</sup> | L   | C    | Rosca <sup>(2)</sup><br>G | D3  | C <sub>1</sub> | Peso  | Tuercas de<br>fijación | Arandela de<br>retención<br>y placas de<br>sujeción | Tuerca hidráulica<br>correspondiente |
|----------------|-----------------------------------------------|-----|------|---------------------------|-----|----------------|-------|------------------------|-----------------------------------------------------|--------------------------------------|
| mm             |                                               | mm  | mm   | mm                        | mm  | mm             | kg    |                        |                                                     |                                      |
| 170            | H3138                                         | 141 | 31   | M 190x3                   | 240 | –              | 10,80 | KM38                   | MB38                                                | HMV38                                |
| 170            | H2338                                         | 169 | 31   | M 190x3                   | 240 | –              | 12,60 | KM38                   | MB38                                                | HMV38                                |
| 180            | H3940                                         | 98  | 31,5 | M 200x3                   | 240 | –              | 7,89  | KML40                  | MBL40                                               | HMV40                                |
| 180            | H3040                                         | 120 | 31,5 | M 200x3                   | 240 | –              | 9,19  | KML40                  | MBL40                                               | HMV40                                |
| 180            | H3140                                         | 150 | 32   | M 200x3                   | 250 | –              | 12,10 | KM40                   | MB40                                                | HMV40                                |
| 180            | H2340                                         | 176 | 32   | M 200x3                   | 250 | –              | 13,90 | KM40                   | MB40                                                | HMV40                                |
| 200            | H3944                                         | 96  | 30   | Tr 220x4                  | 260 | 41             | 8,16  | HM3044                 | MS3044                                              | HMV44                                |
| 200            | H3044                                         | 126 | 30   | Tr 220x4                  | 260 | 41             | 10,30 | HM3044                 | MS3044                                              | HMV44                                |
| 200            | H3144                                         | 161 | 35   | Tr 220x4                  | 280 | –              | 15,10 | HM44T                  | MB44                                                | HMV44                                |
| 200            | H2344                                         | 186 | 35   | Tr 220x4                  | 280 | –              | 17,00 | HM44T                  | MB44                                                | HMV44                                |
| 220            | H3948                                         | 101 | 34   | Tr 240x4                  | 290 | 46             | 11,00 | HM3048                 | MS3048                                              | HMV48                                |
| 220            | H3048                                         | 133 | 34   | Tr 240x4                  | 290 | 46             | 13,20 | HM3048                 | MS3048                                              | HMV48                                |
| 220            | H3148                                         | 172 | 37   | Tr 240x4                  | 300 | –              | 17,60 | HM48T                  | MS48                                                | HMV48                                |
| 220            | H2348                                         | 199 | 37   | Tr 240x4                  | 300 | –              | 20,00 | HM48T                  | MS48                                                | HMV48                                |
| 240            | H3952                                         | 116 | 34   | Tr 260x4                  | 310 | 46             | 12,80 | HM3052                 | MS3052                                              | HMV52                                |
| 240            | H3052                                         | 145 | 34   | Tr 260x4                  | 310 | 46             | 15,30 | HM3052                 | MS3052                                              | HMV52                                |
| 240            | H3152                                         | 190 | 39   | Tr 260x4                  | 330 | –              | 22,30 | HM52T                  | MB52                                                | HMV52                                |
| 240            | H2352                                         | 211 | 39   | Tr 260x4                  | 330 | –              | 24,50 | HM52T                  | MB52                                                | HMV52                                |
| 260            | H3956                                         | 121 | 38   | Tr 280x4                  | 330 | 50             | 15,30 | HM3056                 | MS3056                                              | HMV56                                |
| 260            | H3056                                         | 152 | 38   | Tr 280x4                  | 330 | 50             | 17,70 | HM3056                 | MS3056                                              | HMV56                                |
| 260            | H3156                                         | 195 | 41   | Tr 280x4                  | 350 | –              | 25,10 | HM56T                  | MB56                                                | HMV56                                |
| 260            | H2356                                         | 224 | 41   | Tr 280x4                  | 350 | –              | 28,40 | HM56T                  | MB56                                                | HMV56                                |
| 280            | H3960                                         | 140 | 42   | Tr 300x4                  | 360 | 54             | 20,00 | HM3060                 | MS3060                                              | HMV60                                |
| 280            | H3060                                         | 168 | 42   | Tr 300x4                  | 360 | 54             | 22,80 | HM3060                 | MS3060                                              | HMV60                                |
| 280            | H3160                                         | 208 | 40   | Tr 300x4                  | 380 | 53             | 30,20 | HM3160                 | MS3160                                              | HMV60                                |
| 280            | H3260                                         | 240 | 40   | Tr 300x4                  | 380 | 53             | 34,10 | HM3160                 | MS3160                                              | HMV60                                |
| 300            | H3964                                         | 140 | 42   | Tr 320x5                  | 380 | 55             | 21,50 | HM3064                 | MS3064                                              | HMV64                                |
| 300            | H3064                                         | 171 | 42   | Tr 320x5                  | 380 | 55             | 24,60 | HM3064                 | MS3064                                              | HMV64                                |
| 300            | H3164                                         | 226 | 42   | Tr 320x5                  | 400 | 56             | 34,90 | HM3164                 | MS3164                                              | HMV64                                |
| 300            | H3264                                         | 258 | 42   | Tr 320x5                  | 400 | 56             | 39,30 | HM3164                 | MS3164                                              | HMV64                                |

<sup>(1)</sup> Los manguitos adaptadores vienen completos con tuercas de fijación y arandelas de retención o placas de sujeción.

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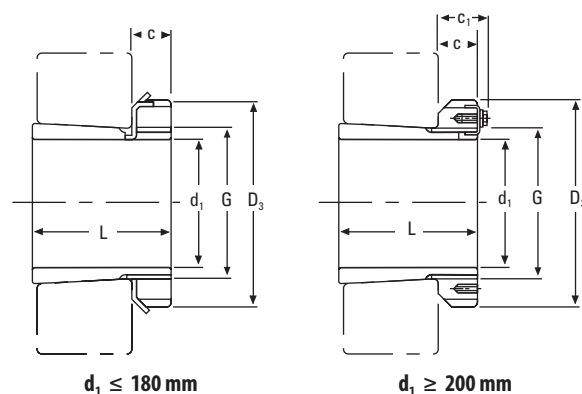
<sup>(2)</sup> M significa rosca en sistema métrico y los dígitos son el diámetro mayor de la rosca y el diámetro primitivo.

Tr significa 30°. La rosca trapecoidal y los dígitos están fuera del diámetro de la rosca y del diámetro primitivo.

NOTA: Los manguitos no se venden por separado.

## MANGUITOS ADAPTADORES H (continuación)

- Conjunto efectivo de rodamiento con agujero cónico.
- Incluye manguito de montaje, tuerca de fijación y arandela de retención o placa de sujeción.
- Puede haber otras dimensiones disponibles, consulte con su ingeniero de ventas de Timken.



Continúa de la página anterior.

| d <sub>1</sub> | Manguito<br>Número de<br>parte <sup>(1)</sup> | L   | C  | Rosca <sup>(2)</sup><br>G | D <sub>3</sub> | C <sub>1</sub> | Peso   | Tuercas de<br>fijación | Arandela de<br>retención<br>y placas de<br>sujeción | Tuerca hidráulica<br>correspondiente |
|----------------|-----------------------------------------------|-----|----|---------------------------|----------------|----------------|--------|------------------------|-----------------------------------------------------|--------------------------------------|
| mm             |                                               | mm  | mm | mm                        | mm             | mm             | kg     |                        |                                                     |                                      |
| 320            | H3968                                         | 144 | 45 | Tr 340x5                  | 400            | 58             | 24,50  | HM3068                 | MS3068                                              | HMV68                                |
| 320            | H3068                                         | 187 | 45 | Tr 340x5                  | 400            | 58             | 28,70  | HM3068                 | MS3068                                              | HMV68                                |
| 320            | H3168                                         | 254 | 55 | Tr 340x5                  | 440            | 72             | 50,00  | HM3168                 | MS3168                                              | HMV68                                |
| 320            | H3268                                         | 288 | 55 | Tr 340x5                  | 440            | 72             | 54,60  | HM3168                 | MS3168                                              | HMV68                                |
| 340            | H3972                                         | 144 | 45 | Tr 360x5                  | 420            | 58             | 25,20  | HM3072                 | MS3072                                              | HMV72                                |
| 340            | H3072                                         | 188 | 45 | Tr 360x5                  | 420            | 58             | 30,50  | HM3072                 | MS3072                                              | HMV72                                |
| 340            | H3172                                         | 259 | 58 | Tr 360x5                  | 460            | 75             | 56,00  | HM3172                 | MS3172                                              | HMV72                                |
| 340            | H3272                                         | 299 | 58 | Tr 360x5                  | 460            | 75             | 60,60  | HM3172                 | MS3172                                              | HMV72                                |
| 360            | H3976                                         | 164 | 48 | Tr 380x5                  | 450            | 62             | 31,50  | HM3076                 | MS3076                                              | HMV76                                |
| 360            | H3076                                         | 193 | 48 | Tr 380x5                  | 450            | 62             | 35,80  | HM3076                 | MS3076                                              | HMV76                                |
| 360            | H3176                                         | 264 | 60 | Tr 380x5                  | 490            | 77             | 61,70  | HM3176                 | MS3176                                              | HMV76                                |
| 360            | H3276                                         | 310 | 60 | Tr 380x5                  | 490            | 77             | 69,60  | HM3176                 | MS3176                                              | HMV76                                |
| 380            | H3980                                         | 168 | 52 | Tr 400x5                  | 470            | 66             | 35,00  | HM3080                 | MS3080                                              | HMV80                                |
| 380            | H3080                                         | 210 | 52 | Tr 400x5                  | 470            | 66             | 41,30  | HM3080                 | MS3080                                              | HMV80                                |
| 380            | H3180                                         | 272 | 62 | Tr 400x5                  | 520            | 82             | 73,00  | HM3180                 | MS3180                                              | HMV80                                |
| 380            | H3280                                         | 328 | 62 | Tr 400x5                  | 520            | 82             | 81,00  | HM3180                 | MS3180                                              | HMV80                                |
| 400            | H3984                                         | 168 | 52 | Tr 420x5                  | 490            | 66             | 36,60  | HM3084                 | MS3084                                              | HMV84                                |
| 400            | H3084                                         | 212 | 52 | Tr 420x5                  | 490            | 66             | 43,70  | HM3084                 | MS3084                                              | HMV84                                |
| 400            | H3184                                         | 304 | 70 | Tr 420x5                  | 540            | 90             | 84,20  | HM3184                 | MS3184                                              | HMV84                                |
| 400            | H3284                                         | 352 | 70 | Tr 420x5                  | 540            | 90             | 96,00  | HM3184                 | MS3184                                              | HMV84                                |
| 410            | H3988                                         | 189 | 60 | Tr 440x5                  | 520            | 77             | 58,00  | HM3088                 | MS3088                                              | HMV88                                |
| 410            | H3088                                         | 228 | 60 | Tr 440x5                  | 520            | 77             | 65,20  | HM3088                 | MS3088                                              | HMV88                                |
| 410            | H3188                                         | 307 | 70 | Tr 440x5                  | 560            | 90             | 104,00 | HM3188                 | MS3188                                              | HMV88                                |
| 410            | H3288                                         | 361 | 70 | Tr 440x5                  | 560            | 90             | 118,00 | HM3188                 | MS3188                                              | HMV88                                |
| 430            | H3992                                         | 189 | 60 | Tr 460x5                  | 540            | 77             | 60,00  | HM3092                 | MS3092                                              | HMV92                                |
| 430            | H3192                                         | 326 | 75 | Tr 460x5                  | 580            | 95             | 116,00 | HM3192                 | MS3192                                              | HMV92                                |
| 430            | H3292                                         | 382 | 75 | Tr 460x5                  | 580            | 95             | 134,00 | HM3192                 | MS3192                                              | HMC92                                |
| 450            | H3996                                         | 200 | 60 | Tr 480x5                  | 560            | 77             | 66,00  | HM3096                 | MS3096                                              | HMV96                                |
| 450            | H3296                                         | 397 | 75 | Tr 480x5                  | 620            | 95             | 153,00 | HM3196                 | MS3196                                              | HMV96                                |

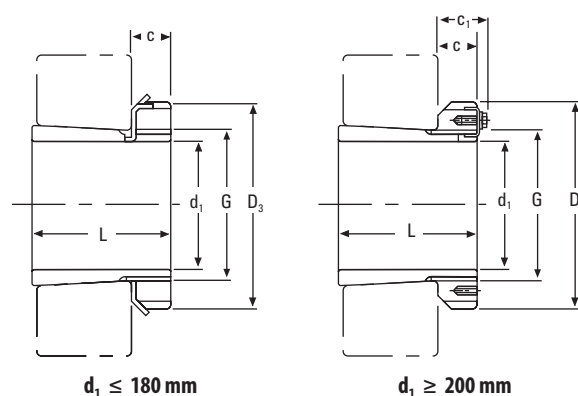
<sup>(1)</sup> Los manguitos adaptadores vienen completos con tuercas de fijación y arandelas de retención o placas de sujeción.

<sup>(2)</sup> Tr significa 30°. La rosca trapezoidal y los dígitos están fuera del diámetro de la rosca y del diámetro primitivo.

NOTA: Los manguitos no se venden por separado.

## MANGUITOS ADAPTADORES HE EN SISTEMA MÉTRICO PARA EJE EN PULGADAS

- Conjunto efectivo de rodamiento con agujero cónico.
- Incluye manguito de montaje, tuerca de fijación y arandela de retención o placa de sujeción.
- Puede haber otras dimensiones disponibles, consulte con su ingeniero de ventas de Timken.



| d <sub>1</sub> |        | Número de referencia <sup>(1)</sup> | L   | C     | Rosca <sup>(2)</sup><br>G | D <sub>3</sub> | C <sub>1</sub> | Peso | Tuercas de fijación | Arandela de retención y placa de sujeción | Tuerca hidráulica correspondiente |
|----------------|--------|-------------------------------------|-----|-------|---------------------------|----------------|----------------|------|---------------------|-------------------------------------------|-----------------------------------|
| in             | mm     |                                     | mm  | mm    | mm                        | mm             | mm             | kg   |                     |                                           |                                   |
| ¾              | 19,05  | HE305                               | 29  | 8,00  | M 25x1,5                  | 38,00          | —              | 0,08 | KM5                 | MB5                                       |                                   |
| 1              | 25,40  | HE306                               | 31  | 8,00  | M 30x1,5                  | 45,00          | —              | 0,10 | KM6                 | MB6                                       |                                   |
| 1 ¼            | 31,75  | HE308                               | 36  | 10,00 | M 40x1,5                  | 58,00          | —              | 0,22 | KM8                 | MB8                                       |                                   |
| 1 ¼            | 31,75  | HE2308                              | 46  | 10,00 | M 40x1,5                  | 58,00          | —              | 0,28 | KM8                 | MB8                                       |                                   |
| 1 ½            | 38,10  | HE309                               | 39  | 11,00 | M 45x1,5                  | 65,00          | —              | 0,24 | KM9                 | MB9                                       |                                   |
| 1 ½            | 38,10  | HE2309                              | 50  | 11,00 | M 45x1,5                  | 65,00          | —              | 0,31 | KM9                 | MB9                                       |                                   |
| 1 ¾            | 44,45  | HE310                               | 42  | 12,00 | M 50x1,5                  | 70,00          | —              | 0,29 | KM10                | MB10                                      | HMV10                             |
| 1 ¾            | 44,45  | HE2310                              | 55  | 12,00 | M 50x1,5                  | 70,00          | —              | 0,36 | KM10                | MB10                                      | HMV10                             |
| 2              | 50,80  | HE311                               | 45  | 12,00 | M 55x2                    | 75,00          | —              | 0,35 | KM11                | MB11                                      | HMV11                             |
| 2              | 50,80  | HE2311                              | 59  | 12,00 | M 55x2                    | 75,00          | —              | 0,42 | KM11                | MB11                                      | HMV11                             |
| 2 ¼            | 57,15  | HE313                               | 50  | 14,00 | M 65x2                    | 85,00          | —              | 0,52 | KM13                | MB13                                      | HMV13                             |
| 2 ¼            | 57,15  | HE2313                              | 65  | 14,00 | M 65x2                    | 85,00          | —              | 0,65 | KM13                | MB13                                      | HMV13                             |
| 2 ½            | 63,50  | HE315                               | 55  | 15,00 | M 75x2                    | 98,00          | —              | 0,85 | KM15                | MB15                                      | HMV15                             |
| 2 ½            | 63,50  | HE2315                              | 73  | 15,00 | M 75x2                    | 98,00          | —              | 1,09 | KM15                | MB15                                      | HMV15                             |
| 2 ¾            | 69,85  | HE316                               | 59  | 17,00 | M 80x2                    | 105,00         | —              | 0,97 | KM16                | MB16                                      | HMV16                             |
| 2 ¾            | 69,85  | HE2316                              | 78  | 17,00 | M 80x2                    | 105,00         | —              | 1,20 | KM16                | MB16                                      | HMV16                             |
| 3              | 76,20  | HE317                               | 63  | 18,00 | M 85x2                    | 110,00         | —              | 1,00 | KM17                | MB17                                      | HMV17                             |
| 3              | 76,20  | HE2317                              | 82  | 18,00 | M 85x2                    | 110,00         | —              | 1,30 | KM17                | MB17                                      | HMV17                             |
| 3 ¼            | 82,55  | HE318                               | 65  | 18,00 | M 90x2                    | 120,00         | —              | 1,10 | KM18                | MB18                                      | HMV18                             |
| 3 ¼            | 82,55  | HE319                               | 68  | 19,00 | M 95x2                    | 125,00         | —              | 1,60 | KM19                | MB19                                      | HMV19                             |
| 3 ¼            | 82,55  | HE2318                              | 86  | 18,00 | M 90x2                    | 120,00         | —              | 1,40 | KM18                | MB18                                      | HMV18                             |
| 3 ¼            | 82,55  | HE2319                              | 90  | 19,00 | M 95x2                    | 125,00         | —              | 2,00 | KM19                | MB19                                      | HMV19                             |
| 3 ½            | 88,90  | HE320                               | 71  | 20,00 | M 100x2                   | 130,00         | —              | 1,75 | KM20                | MB20                                      | HMV20                             |
| 3 ½            | 88,90  | HE3120                              | 76  | 20,00 | M 100x2                   | 130,00         | —              | 1,80 | KM20                | MB20                                      | HMV20                             |
| 3 ½            | 88,90  | HE2320                              | 97  | 20,00 | M 100x2                   | 130,00         | —              | 2,20 | KM20                | MB20                                      | HMV20                             |
| 4              | 101,60 | HE322                               | 77  | 21,00 | M 110x2                   | 145,00         | —              | 1,90 | KM22                | MB22                                      | HMV22                             |
| 4              | 101,60 | HE3122                              | 81  | 21,00 | M 110x2                   | 145,00         | —              | 2,25 | KM22                | MB22                                      | HMV22                             |
| 4              | 101,60 | HE2322                              | 105 | 21,00 | M 110x2                   | 145,00         | —              | 2,40 | KM22                | MB22                                      | HMV22                             |
| 4 ¼            | 107,95 | HE3024                              | 72  | 22,00 | M 120x2                   | 145,00         | —              | 2,00 | KML24               | MBL24                                     | HMV24                             |

<sup>(1)</sup> Los manguitos adaptadores incluyen tuercas de fijación y arandelas de retención o placas de sujeción.

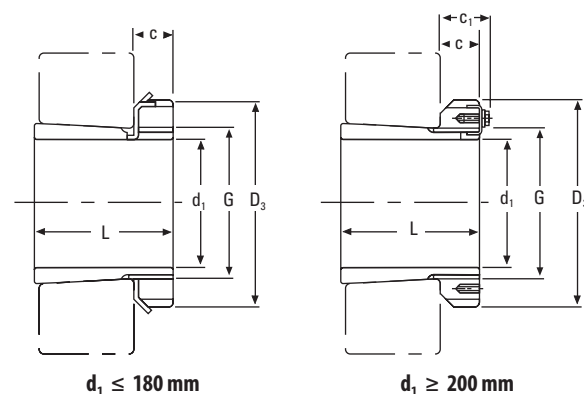
<sup>(2)</sup> M significa rosca en sistema métrico y los dígitos son el diámetro mayor de la rosca y el diámetro primitivo.

NOTA: Los manguitos no se venden por separado.

Continúa en la página siguiente.

## MANGUITOS ADAPTADORES HE EN SISTEMA MÉTRICO PARA EJE EN PULGADAS (continuación)

- Conjunto efectivo de rodamiento con agujero cónico.
- Incluye manguito de montaje, tuerca de fijación y arandela de retención o placa de sujeción.
- Puede haber otras dimensiones disponibles, consulte con su ingeniero de ventas de Timken.



Continúa de la página anterior.

| d <sub>1</sub> |        | Número de referencia <sup>(1)</sup> | L   | C     | Rosca <sup>(2)</sup><br>G | D <sub>3</sub> | C <sub>1</sub> | Peso  | Tuercas de fijación | Arandela de retención y placa de sujeción | Tuerca hidráulica correspondiente |
|----------------|--------|-------------------------------------|-----|-------|---------------------------|----------------|----------------|-------|---------------------|-------------------------------------------|-----------------------------------|
| in             | mm     |                                     | mm  | mm    | mm                        | mm             | mm             | kg    |                     |                                           |                                   |
| 4 ¼            | 107,95 | HE3124                              | 88  | 22,00 | M 120x2                   | 155,00         | —              | 2,64  | KM24                | MB24                                      | HMV24                             |
| 4 ¼            | 107,95 | HE2324                              | 112 | 22,00 | M 120x2                   | 155,00         | —              | 3,35  | KM24                | MB24                                      | HMV24                             |
| 4 ½            | 114,30 | HE3026                              | 80  | 23,00 | M 130x2                   | 155,00         | —              | 2,90  | KML26               | MBL26                                     | HMV26                             |
| 4 ½            | 114,30 | HE3126                              | 92  | 23,00 | M 130x2                   | 165,00         | —              | 3,66  | KM26                | MB26                                      | HMV26                             |
| 4 ½            | 114,30 | HE2326                              | 121 | 23,00 | M 130x2                   | 165,00         | —              | 4,55  | KM26                | MB26                                      | HMV26                             |
| 5              | 127,00 | HE3028                              | 82  | 24,00 | M 140x2                   | 165,00         | —              | 3,16  | KML28               | MBL28                                     | HMV28                             |
| 5              | 127,00 | HE3128                              | 97  | 24,00 | M 140x2                   | 180,00         | —              | 3,80  | KM28                | MB28                                      | HMV28                             |
| 5              | 127,00 | HE2328                              | 131 | 24,00 | M 140x2                   | 180,00         | —              | 5,00  | KM28                | MB28                                      | HMV28                             |
| 5 ¼            | 133,35 | HE3030                              | 87  | 26,00 | M 150x2                   | 180,00         | —              | 4,00  | KML30               | MBL30                                     | HMV30                             |
| 5 ¼            | 133,35 | HE3130                              | 111 | 26,00 | M 150x2                   | 195,00         | —              | 5,50  | KM30                | MB30                                      | HMV30                             |
| 5 ¼            | 133,35 | HE2330                              | 139 | 26,00 | M 150x2                   | 195,00         | —              | 6,80  | KM30                | MB30                                      | HMV30                             |
| 5 ½            | 139,70 | HE3032                              | 93  | 27,50 | M 160x3                   | 190,00         | —              | 5,10  | KML32               | MBL32                                     | HMV32                             |
| 5 ½            | 139,70 | HE3132                              | 119 | 28,00 | M 160x3                   | 210,00         | —              | 7,30  | KM32                | MB32                                      | HMV32                             |
| 5 ½            | 139,70 | HE2332                              | 147 | 28,00 | M 160x3                   | 210,00         | —              | 8,80  | KM32                | MB32                                      | HMV32                             |
| 6              | 152,40 | HE3034                              | 101 | 28,50 | M 170x3                   | 200,00         | —              | 5,99  | KML34               | MBL34                                     | HMV34                             |
| 6              | 152,40 | HE3134                              | 122 | 29,00 | M 170x3                   | 220,00         | —              | 7,55  | KM34                | MB34                                      | HMV34                             |
| 6              | 152,40 | HE2334                              | 154 | 29,00 | M 170x3                   | 220,00         | —              | 10,20 | KM34                | MB34                                      | HMV34                             |
| 6 ½            | 165,10 | HE3036                              | 109 | 29,50 | M 180x3                   | 210,00         | —              | 6,83  | KML36               | MBL36                                     | HMV36                             |
| 6 ½            | 165,10 | HE3136                              | 131 | 30,00 | M 180x3                   | 230,00         | —              | 7,80  | KM36                | MB36                                      | HMV36                             |
| 6 ½            | 165,10 | HE2336                              | 161 | 30,00 | M 180x3                   | 230,00         | —              | 9,35  | KM36                | MB36                                      | HMV36                             |
| 6 ¾            | 171,45 | HE3038                              | 112 | 30,50 | M 190x3                   | 220,00         | —              | 7,20  | KML38               | MBL38                                     | HMV38                             |
| 6 ¾            | 171,45 | HE3138                              | 141 | 31,00 | M 190x3                   | 240,00         | —              | 10,80 | KM38                | MB38                                      | HMV38                             |
| 6 ¾            | 171,45 | HE2338                              | 169 | 31,00 | M 190x3                   | 240,00         | —              | 12,60 | KM38                | MB38                                      | HMV38                             |
| 7              | 177,80 | HE3040                              | 120 | 31,50 | M 200x3                   | 240,00         | —              | 9,35  | KML40               | MBL40                                     | HMV40                             |
| 7              | 177,80 | HE3140                              | 150 | 32,00 | M 200x3                   | 250,00         | —              | 12,30 | KM40                | MB40                                      | HMV40                             |
| 7              | 177,80 | HE2340                              | 176 | 32,00 | M 200x3                   | 250,00         | —              | 14,20 | KM40                | MB40                                      | HMV40                             |
| 8              | 203,20 | HE3044                              | 126 | 30,00 | Tr 220x4                  | 260,00         | 41             | 10,30 | HM 3044             | MS3044                                    | HMV44                             |
| 8              | 203,20 | HE3144                              | 161 | 35,00 | Tr 220x4                  | 280,00         | —              | 14,70 | HM44T               | MB44                                      | HMV44                             |
| 8              | 203,20 | HE2344                              | 186 | 35,00 | Tr 220x4                  | 280,00         | —              | 16,70 | HM44T               | MB44                                      | HMV44                             |

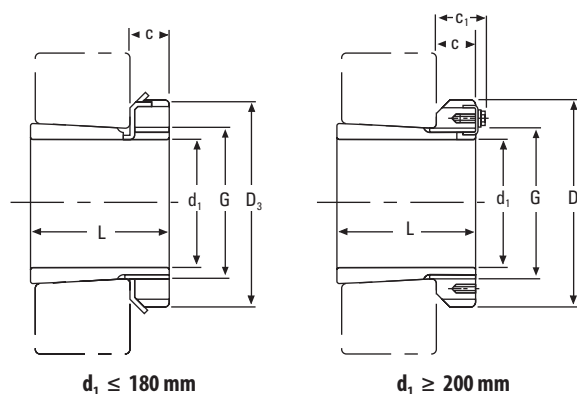
<sup>(1)</sup> Los manguitos adaptadores vienen completos con tuercas de fijación y arandelas de retención o placas de sujeción.

<sup>(2)</sup> M significa rosca en sistema métrico y los dígitos son el diámetro mayor de la rosca y el diámetro primitivo.  
Tr significa 30°. La rosca trapecoidal y los dígitos están fuera del diámetro de la rosca y del diámetro primitivo.

NOTA: Los manguitos no se venden por separado.

## MANGUITOS ADAPTADORES HA EN SISTEMA MÉTRICO PARA EJE EN PULGADAS

- Conjunto efectivo de rodamento con agujero cónico.
- Incluye manguito de montaje, tuerca de fijación y arandela de retención o placa de sujeción.
- Puede haber otras dimensiones disponibles, consulte con su ingeniero de ventas de Timken.



| d <sub>1</sub>                  |        | Número de referencia <sup>(1)</sup> | L   | C  | Rosca <sup>(2)</sup><br>G | D <sub>3</sub> | C <sub>1</sub> | Peso | Tuercas de fijación | Arandela de retención y placa de sujeción | Tuerca hidráulica correspondiente |
|---------------------------------|--------|-------------------------------------|-----|----|---------------------------|----------------|----------------|------|---------------------|-------------------------------------------|-----------------------------------|
| in                              | mm     |                                     | mm  | mm | mm                        | mm             | mm             | kg   |                     |                                           |                                   |
| 1 <sup>5</sup> / <sub>16</sub>  | 23,81  | HA306                               | 31  | 8  | M 30x1,5                  | 45             | —              | 0,12 | KM6                 | MB6                                       |                                   |
| 1 <sup>3</sup> / <sub>16</sub>  | 30,16  | HA307                               | 35  | 9  | M 35x1,5                  | 52             | —              | 0,14 | KM7                 | MB7                                       |                                   |
| 1 <sup>1</sup> / <sub>2</sub>   | 33,34  | HA308                               | 36  | 10 | M 40x1,5                  | 58             | —              | 0,19 | KM8                 | MB8                                       |                                   |
| 1 <sup>5</sup> / <sub>16</sub>  | 33,34  | HA2308                              | 46  | 10 | M 40x1,5                  | 58             | —              | 0,22 | KM8                 | MB8                                       |                                   |
| 1 <sup>7</sup> / <sub>16</sub>  | 36,51  | HA309                               | 39  | 11 | M 45x1,5                  | 65             | —              | 0,29 | KM9                 | MB9                                       |                                   |
| 1 <sup>7</sup> / <sub>16</sub>  | 36,51  | HA2309                              | 50  | 11 | M 45x1,5                  | 65             | —              | 0,35 | KM9                 | MB9                                       |                                   |
| 1 <sup>11</sup> / <sub>16</sub> | 42,86  | HA310                               | 42  | 12 | M 50x1,5                  | 70             | —              | 0,32 | KM10                | MB10                                      | HMV10                             |
| 1 <sup>11</sup> / <sub>16</sub> | 42,86  | HA2310                              | 55  | 12 | M 50x1,5                  | 70             | —              | 0,40 | KM10                | MB10                                      | HMV10                             |
| 1 <sup>15</sup> / <sub>16</sub> | 49,21  | HA311                               | 45  | 12 | M 55x2                    | 75             | —              | 0,34 | KM11                | MB11                                      | HMV11                             |
| 1 <sup>15</sup> / <sub>16</sub> | 49,21  | HA2311                              | 59  | 12 | M 55x2                    | 75             | —              | 0,42 | KM11                | MB11                                      | HMV11                             |
| 2 <sup>3</sup> / <sub>16</sub>  | 55,56  | HA313                               | 50  | 14 | M 65x2                    | 85             | —              | 0,58 | KM13                | MB13                                      | HMV13                             |
| 2 <sup>3</sup> / <sub>16</sub>  | 55,56  | HA2313                              | 65  | 14 | M 65x2                    | 85             | —              | 0,75 | KM13                | MB13                                      | HMV13                             |
| 2 <sup>7</sup> / <sub>16</sub>  | 61,91  | HA315                               | 55  | 15 | M 75x2                    | 98             | —              | 0,91 | KM15                | MB15                                      | HMV15                             |
| 2 <sup>7</sup> / <sub>16</sub>  | 61,91  | HA2315                              | 73  | 15 | M 75x2                    | 98             | —              | 1,15 | KM15                | MB15                                      | HMV15                             |
| 2 <sup>11</sup> / <sub>16</sub> | 68,26  | HA316                               | 59  | 17 | M 80x2                    | 105            | —              | 1,05 | KM16                | MB16                                      | HMV16                             |
| 2 <sup>11</sup> / <sub>16</sub> | 68,26  | HA2316                              | 78  | 17 | M 80x2                    | 105            | —              | 1,30 | KM16                | MB16                                      | HMV16                             |
| 2 <sup>15</sup> / <sub>16</sub> | 74,61  | HA317                               | 63  | 18 | M 85x2                    | 110            | —              | 1,10 | KM17                | MB17                                      | HMV17                             |
| 2 <sup>15</sup> / <sub>16</sub> | 74,61  | HA2317                              | 82  | 18 | M 85x2                    | 110            | —              | 1,40 | KM17                | MB17                                      | HMV17                             |
| 3 <sup>3</sup> / <sub>16</sub>  | 80,96  | HA318                               | 65  | 18 | M 90x2                    | 120            | —              | 1,25 | KM18                | MB18                                      | HMV18                             |
| 3 <sup>3</sup> / <sub>16</sub>  | 80,96  | HA2318                              | 86  | 18 | M 90x2                    | 120            | —              | 1,50 | KM18                | MB18                                      | HMV18                             |
| 3 <sup>7</sup> / <sub>16</sub>  | 87,31  | HA320                               | 71  | 20 | M 100x2                   | 130            | —              | 1,80 | KM20                | MB20                                      | HMV20                             |
| 3 <sup>7</sup> / <sub>16</sub>  | 87,31  | HA3120                              | 76  | 20 | M 100x2                   | 130            | —              | 1,80 | KM20                | MB20                                      | HMV20                             |
| 3 <sup>7</sup> / <sub>16</sub>  | 87,31  | HA2320                              | 97  | 20 | M 100x2                   | 130            | —              | 2,35 | KM20                | MB20                                      | HMV20                             |
| 3 <sup>15</sup> / <sub>16</sub> | 100,01 | HA322                               | 77  | 21 | M 110x2                   | 145            | —              | 2,18 | KM22                | MB22                                      | HMV22                             |
| 3 <sup>15</sup> / <sub>16</sub> | 100,01 | HA3122                              | 81  | 21 | M 110x2                   | 145            | —              | 2,25 | KM22                | MB22                                      | HMV22                             |
| 3 <sup>15</sup> / <sub>16</sub> | 100,01 | HA2322                              | 105 | 21 | M 110x2                   | 145            | —              | 2,74 | KM22                | MB22                                      | HMV22                             |
| 4 <sup>3</sup> / <sub>16</sub>  | 106,36 | HA3024                              | 72  | 22 | M 120x2                   | 145            | —              | 2,25 | KML24               | MBL24                                     | HMV24                             |
| 4 <sup>3</sup> / <sub>16</sub>  | 106,36 | HA3124                              | 88  | 22 | M 120x2                   | 155            | —              | 2,90 | KM24                | MB24                                      | HMV24                             |
| 4 <sup>3</sup> / <sub>16</sub>  | 106,36 | HA2324                              | 112 | 22 | M 120x2                   | 155            | —              | 3,19 | KM24                | MB24                                      | HMV24                             |
| 4 <sup>7</sup> / <sub>16</sub>  | 112,71 | HA3026                              | 80  | 23 | M 130x2                   | 155            | —              | 3,05 | KML26               | MBL26                                     | HMV26                             |
| 4 <sup>7</sup> / <sub>16</sub>  | 112,71 | HA3126                              | 92  | 23 | M 130x2                   | 165            | —              | 3,75 | KM26                | MB26                                      | HMV26                             |
| 4 <sup>7</sup> / <sub>16</sub>  | 112,71 | HA2326                              | 121 | 23 | M 130x2                   | 165            | —              | 4,74 | KM26                | MB26                                      | HMV26                             |
| 4 <sup>15</sup> / <sub>16</sub> | 125,41 | HA3028                              | 82  | 24 | M 140x2                   | 165            | —              | 3,00 | KML28               | MBL28                                     | HMV28                             |

<sup>(1)</sup> Los manguitos adaptadores vienen completos con tuercas de fijación y arandelas de retención o placas de sujeción.

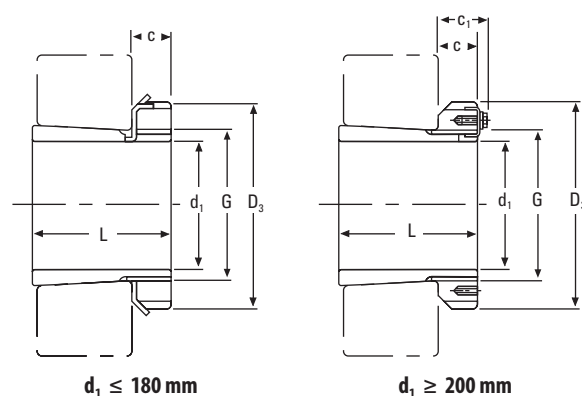
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<sup>(2)</sup> M significa rosca en sistema métrico y los dígitos son el diámetro mayor de la rosca y el diámetro primitivo.

## MANGUITOS ADAPTADORES HA EN SISTEMA MÉTRICO PARA EJE EN PULGADAS - CONTINUACIÓN

- Conjunto efectivo de rodamiento con agujero cónico.
- Incluye manguito de montaje, tuerca de fijación y arandela de retención o placa de sujeción.
- Puede haber otras dimensiones disponibles, consulte con su ingeniero de ventas de Timken.

Continúa de la página anterior.



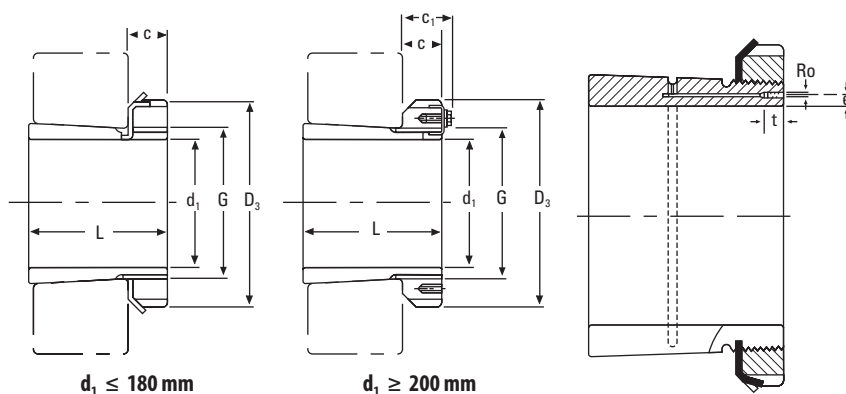
| d <sub>1</sub> |        | Número de referencia <sup>(1)</sup> | L   | C  | Rosca <sup>(2)</sup><br>G | D <sub>3</sub> | C <sub>1</sub> | Peso  | Tuercas de fijación | Arandela de retención y placa de sujeción | Tuerca hidráulica correspondiente |
|----------------|--------|-------------------------------------|-----|----|---------------------------|----------------|----------------|-------|---------------------|-------------------------------------------|-----------------------------------|
| in             | mm     |                                     | mm  | mm | mm                        | mm             | mm             | kg    |                     |                                           |                                   |
| 4 1/16         | 125,41 | HA3128                              | 97  | 24 | M 140x2                   | 180            | —              | 4,10  | KM28                | MB28                                      | HMV28                             |
| 4 1/16         | 125,41 | HA2328                              | 131 | 24 | M 140x2                   | 180            | —              | 5,30  | KM28                | MB28                                      | HMV28                             |
| 5 1/16         | 131,76 | HA3030                              | 87  | 26 | M 150x2                   | 180            | —              | 3,89  | KML30               | MBL30                                     | HMV30                             |
| 5 1/16         | 131,76 | HA3130                              | 111 | 26 | M 150x2                   | 195            | —              | 5,80  | KM30                | MB30                                      | HMV30                             |
| 5 1/16         | 131,76 | HA2330                              | 139 | 26 | M 150x2                   | 195            | —              | 6,63  | KM30                | MB30                                      | HMV30                             |
| 5 7/16         | 138,11 | HA3032                              | 93  | 28 | M 160x3                   | 190            | —              | 5,21  | KML32               | MBL32                                     | HMV32                             |
| 5 7/16         | 138,11 | HA3132                              | 119 | 28 | M 160x3                   | 210            | —              | 7,55  | KM32                | MB32                                      | HMV32                             |
| 5 7/16         | 138,11 | HA2332                              | 147 | 28 | M 160x3                   | 210            | —              | 9,40  | KM32                | MB32                                      | HMV32                             |
| 5 15/16        | 150,81 | HA3034                              | 101 | 29 | M 170x3                   | 200            | —              | 5,99  | KML34               | MBL34                                     | HMV34                             |
| 5 15/16        | 150,81 | HA3134                              | 122 | 29 | M 170x3                   | 220            | —              | 7,80  | KM34                | MB34                                      | HMV34                             |
| 5 15/16        | 150,81 | HA2334                              | 154 | 29 | M 170x3                   | 220            | —              | 9,60  | KM34                | MB34                                      | HMV34                             |
| 6 1/16         | 163,51 | HA3036                              | 109 | 30 | M 180x3                   | 210            | —              | 6,00  | KML36               | MBL36                                     | HMV36                             |
| 6 1/16         | 163,51 | HA3136                              | 131 | 30 | M 180x3                   | 230            | —              | 8,15  | KM36                | MB36                                      | HMV36                             |
| 6 1/16         | 163,51 | HA2336                              | 161 | 30 | M 180x3                   | 230            | —              | 9,90  | KM36                | MB36                                      | HMV36                             |
| 6 15/16        | 176,21 | HA3038                              | 112 | 31 | M 190x3                   | 220            | —              | 5,80  | KML38               | MBL38                                     | HMV38                             |
| 6 15/16        | 176,21 | HA3138                              | 141 | 31 | M 190x3                   | 240            | —              | 8,50  | KM38                | MB38                                      | HMV38                             |
| 6 15/16        | 176,21 | HA2338                              | 169 | 31 | M 190x3                   | 240            | —              | 12,60 | KM38                | MB38                                      | HMV38                             |
| 7 1/16         | 182,56 | HA3040                              | 120 | 32 | M 200x3                   | 240            | —              | 8,25  | KML40               | MBL40                                     | HMV40                             |
| 7 1/16         | 182,56 | HA3140                              | 150 | 32 | M 200x3                   | 250            | —              | 11,20 | KM40                | MB40                                      | HMV40                             |
| 7 1/16         | 182,56 | HA2340                              | 176 | 32 | M 200x3                   | 250            | —              | 13,90 | KM40                | MB40                                      | HMV40                             |
| 7 15/16        | 201,61 | HA3044                              | 126 | 30 | Tr 220x4                  | 260            | 41             | 10,30 | HM3044              | MS3044                                    | HMV44                             |
| 7 15/16        | 201,61 | HA3144                              | 161 | 35 | Tr 220x4                  | 280            | —              | 14,70 | HM44T               | MB44                                      | HMV44                             |
| 8 15/16        | 227,01 | HA3048                              | 133 | 34 | Tr 240x4                  | 290            | 46             | 13,20 | HM3048              | MS3048                                    | HMV48                             |
| 9 1/16         | 239,71 | HA3052                              | 145 | 34 | Tr 260x4                  | 310            | 46             | 15,30 | HM3052              | MS3052                                    | HMV52                             |
| 10 7/16        | 265,11 | HA3056                              | 152 | 38 | Tr 280x4                  | 330            | 50             | 17,70 | HM3056              | MS3056                                    | HMV56                             |
| 10 15/16       | 277,81 | HA3060                              | 168 | 42 | Tr 300x4                  | 360            | 54             | 22,80 | HM3060              | MS3060                                    | HMV60                             |
| 11 15/16       | 303,21 | HA3064                              | 171 | 42 | Tr 320x5                  | 380            | 55             | 24,60 | HM3064              | MS3064                                    | HMV64                             |
| 12 7/16        | 315,91 | HA3068                              | 187 | 45 | Tr 340x5                  | 400            | 58             | 28,70 | HM3068              | MS3068                                    | HMV68                             |
| 13 7/16        | 341,31 | HA3072                              | 188 | 45 | Tr 360x5                  | 420            | 58             | 30,50 | HM3072              | MS3072                                    | HMV72                             |
| 13 15/16       | 354,01 | HA3076                              | 193 | 48 | Tr 380x5                  | 450            | 62             | 35,80 | HM3076              | MS3076                                    | HMV76                             |

<sup>(1)</sup> Los manguitos adaptadores vienen completos con tuercas de fijación y arandelas de retención o placas de sujeción.

<sup>(2)</sup> M significa rosca en sistema métrico y los dígitos son el diámetro mayor de la rosca y el diámetro primitivo.  
Tr significa 30°. La rosca trapecoidal y los dígitos están fuera del diámetro de la rosca y del diámetro primitivo.

## MANGUITOS ADAPTADORES HIDRÁULICOS OH

- Incluye manguito de montaje, tuerca de fijación y arandela de retención o placa de sujeción.
- La asistencia hidráulica facilita el montaje de rodamientos grandes. Bomba de aceite necesaria para inyectar aceite presurizado.
- Puede haber otras dimensiones disponibles, consulte con su ingeniero de ventas de Timken.



| d <sub>1</sub> | Manguito<br>Número de<br>parte <sup>(1)</sup> | L   | C    | Rosca <sup>(2)</sup><br>G | D <sub>3</sub> | C <sub>1</sub> <sup>(3)</sup> | Ro | e  | t  | Peso  | Tuercas de<br>fijación | Arandela de<br>retención<br>y placa de<br>sujeción | Tuerca hidráulica<br>correspondiente |
|----------------|-----------------------------------------------|-----|------|---------------------------|----------------|-------------------------------|----|----|----|-------|------------------------|----------------------------------------------------|--------------------------------------|
| mm             |                                               | mm  | mm   | mm                        | mm             | mm                            |    | mm | mm | kg    |                        |                                                    |                                      |
| 140            | OH3032H                                       | 93  | 27,5 | M 160x3                   | 190            | —                             |    | 4  | 7  | 5,21  | KML32                  | MBL32                                              | HMV32                                |
| 140            | OH3132H                                       | 119 | 28   | M 160x3                   | 210            | —                             |    | 4  | 7  | 7,67  | KM32                   | MB32                                               | HMV32                                |
| 150            | OH3034H                                       | 101 | 28,5 | M 170x3                   | 200            | —                             |    | 4  | 7  | 5,99  | KML34                  | MBL34                                              | HMV34                                |
| 150            | OH3134H                                       | 122 | 29   | M 170x3                   | 220            | —                             |    | 4  | 7  | 8,38  | KM34                   | MB34                                               | HMV34                                |
| 160            | OH3936H                                       | 87  | 29,5 | M 180x3                   | 210            | —                             |    | 4  | 7  | 5,70  | KML36                  | MBL36                                              | HMV36                                |
| 160            | OH3036H                                       | 109 | 29,5 | M 180x3                   | 210            | —                             |    | 4  | 7  | 6,83  | KML36                  | MBL36                                              | HMV36                                |
| 160            | OH3136H                                       | 131 | 30   | M 180x3                   | 230            | —                             |    | 4  | 7  | 9,50  | KM36                   | MB36                                               | HMV36                                |
| 170            | OH3938H                                       | 89  | 30,5 | M 190x3                   | 220            | —                             |    | 4  | 7  | 6,19  | KML38                  | MBL38                                              | HMV38                                |
| 170            | OH3038H                                       | 112 | 30,5 | M 190x3                   | 220            | —                             |    | 4  | 7  | 7,45  | KML38                  | MBL38                                              | HMV38                                |
| 170            | OH3138H                                       | 141 | 31   | M 190x3                   | 240            | —                             |    | 4  | 7  | 10,80 | KM38                   | MB38                                               | HMV38                                |
| 170            | OH2338H                                       | 169 | 31   | M 190x3                   | 240            | —                             |    | 4  | 7  | 12,60 | KM38                   | MB38                                               | HMV38                                |
| 180            | OH3940H                                       | 98  | 31,5 | M 200x3                   | 240            | —                             |    | 4  | 7  | 7,89  | KML40                  | MBL40                                              | HMV40                                |
| 180            | OH3040H                                       | 120 | 31,5 | M 200x3                   | 240            | —                             |    | 4  | 7  | 9,19  | KML40                  | MBL40                                              | HMV40                                |
| 180            | OH3140H                                       | 150 | 32   | M 200x3                   | 250            | —                             |    | 4  | 7  | 12,10 | KM40                   | MB40                                               | HMV40                                |
| 180            | OH2340H                                       | 176 | 32   | M 200x3                   | 250            | —                             |    | 4  | 7  | 13,90 | KM40                   | MB40                                               | HMV40                                |
| 200            | OH3944H                                       | 96  | 30   | Tr 220x4                  | 260            | 41                            | M6 | 4  | 7  | 8,16  | HM3044                 | MS3044                                             | HMV44                                |
| 200            | OH3044H                                       | 126 | 30   | Tr 220x4                  | 260            | 41                            | M6 | 4  | 7  | 10,30 | HM3044                 | MS3044                                             | HMV44                                |
| 200            | OH3144H                                       | 161 | 35   | Tr 220x4                  | 280            | —                             | M6 | 4  | 7  | 15,10 | HM44T                  | MB44                                               | HMV44                                |
| 200            | OH2344H                                       | 186 | 35   | Tr 220x4                  | 280            | —                             | M6 | 4  | 7  | 17,00 | HM44T                  | MB44                                               | HMV44                                |
| 220            | OH3948H                                       | 101 | 34   | Tr 240x4                  | 290            | 46                            | M6 | 4  | 7  | 11,00 | HM3048                 | MS3048                                             | HMV48                                |
| 220            | OH3048H                                       | 133 | 34   | Tr 240x4                  | 290            | 46                            | M6 | 4  | 7  | 13,20 | HM3048                 | MS3048                                             | HMV48                                |
| 220            | OH3148H                                       | 172 | 37   | Tr 240x4                  | 300            | —                             | M6 | 4  | 7  | 17,60 | HM48T                  | MB48                                               | HMV48                                |
| 220            | OH2348H                                       | 199 | 37   | Tr 240x4                  | 300            | —                             | M6 | 4  | 7  | 20,00 | HM48T                  | MB48                                               | HMV48                                |
| 240            | OH3952H                                       | 116 | 34   | Tr 260x4                  | 310            | 46                            | M6 | 4  | 7  | 12,80 | HM3052                 | MS3052                                             | HMV52                                |
| 240            | OH3052H                                       | 145 | 34   | Tr 260x4                  | 310            | 46                            | M6 | 4  | 7  | 15,30 | HM3052                 | MS3052                                             | HMV52                                |
| 240            | OH3152H                                       | 190 | 39   | Tr 260x4                  | 330            | —                             | M6 | 4  | 7  | 22,30 | HM52T                  | MB52                                               | HMV52                                |
| 240            | OH2352H                                       | 211 | 39   | Tr 260x4                  | 330            | —                             | M6 | 4  | 7  | 24,50 | HM52T                  | MB52                                               | HMV52                                |
| 260            | OH3956H                                       | 121 | 38   | Tr 280x4                  | 330            | 50                            | M6 | 4  | 7  | 15,30 | HM3056                 | MS3056                                             | HMV56                                |
| 260            | OH3056H                                       | 152 | 38   | Tr 280x4                  | 330            | 50                            | M6 | 4  | 7  | 17,70 | HM3056                 | MS3056                                             | HMV56                                |
| 260            | OH3156H                                       | 195 | 41   | Tr 280x4                  | 350            | —                             | M6 | 4  | 7  | 25,10 | HM56T                  | MB56                                               | HMV56                                |
| 260            | OH2356H                                       | 224 | 41   | Tr 280x4                  | 350            | —                             | M6 | 4  | 7  | 28,40 | HM56T                  | MB56                                               | HMV56                                |
| 280            | OH3960H                                       | 140 | 42   | Tr 300x4                  | 360            | 54                            | M6 | 4  | 7  | 20,00 | HM3060                 | MS3060                                             | HMV60                                |

<sup>(1)</sup> Los manguitos adaptadores hidráulicos vienen completos con tuercas de fijación y arandelas de retención o placas de sujeción.

<sup>(2)</sup> M significa rosca en sistema métrico y los dígitos son el diámetro mayor de la rosca y el diámetro primitivo.

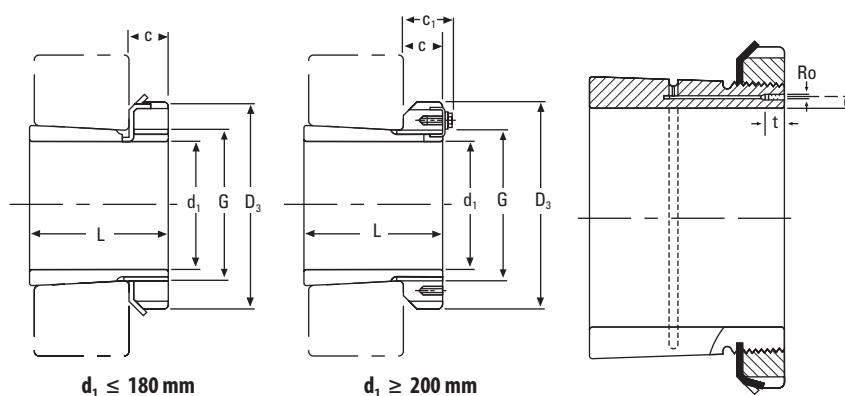
Tr significa 30°. La rosca trapezoidal y los dígitos están fuera del diámetro de la rosca y del diámetro primitivo.

<sup>(3)</sup> Los adaptadores con las dimensiones C<sub>1</sub> poseen un dispositivo de bloqueo como muestra la ilustración.

Continúa en la página siguiente.

## MANGUITOS ADAPTADORES HIDRÁULICOS OH (continuación)

- Incluye manguito de montaje, tuerca de fijación y arandela de retención o placa de sujeción.
- La asistencia hidráulica facilita el montaje de rodamientos grandes. Bomba de aceite necesaria para inyectar aceite presurizado.
- Puede haber otras dimensiones disponibles, consulte con su ingeniero de ventas de Timken.



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| d <sub>1</sub> | Manguito<br>Número de<br>parte <sup>(1)</sup> | L   | C  | Rosca <sup>(2)</sup><br>G | D <sub>3</sub> | C <sub>1</sub> <sup>(3)</sup> | Ro | e   | t  | Peso   | Tuercas de<br>fijación | Arandela de<br>retención<br>y placa de<br>sujeción | Tuerca hidráulica<br>correspondiente |
|----------------|-----------------------------------------------|-----|----|---------------------------|----------------|-------------------------------|----|-----|----|--------|------------------------|----------------------------------------------------|--------------------------------------|
| mm             |                                               | mm  | mm | mm                        | mm             | mm                            |    | mm  | mm | kg     |                        |                                                    |                                      |
| 280            | OH3060H                                       | 168 | 42 | Tr 300x4                  | 360            | 54                            | M6 | 4   | 7  | 22,80  | HM3060                 | MS3060                                             | HMV60                                |
| 280            | OH3160H                                       | 208 | 40 | Tr 300x4                  | 380            | 53                            | M6 | 4   | 7  | 30,20  | HM3160                 | MS3160                                             | HMV60                                |
| 280            | OH3260H                                       | 240 | 40 | Tr 300x4                  | 380            | 53                            | M6 | 4   | 7  | 34,10  | HM3160                 | MS3160                                             | HMV60                                |
| 300            | OH3964H                                       | 140 | 42 | Tr 320x5                  | 380            | 55                            | M6 | 3,5 | 7  | 21,50  | HM3064                 | MS3064                                             | HMV64                                |
| 300            | OH3064H                                       | 171 | 42 | Tr 320x5                  | 380            | 55                            | M6 | 3,5 | 7  | 24,60  | HM3064                 | MS3064                                             | HMV64                                |
| 300            | OH3164H                                       | 226 | 42 | Tr 320x5                  | 400            | 56                            | M6 | 3,5 | 7  | 34,90  | HM3164                 | MS3164                                             | HMV64                                |
| 300            | OH3264H                                       | 258 | 42 | Tr 320x5,4                | 400            | 56                            | M6 | 3,5 | 7  | 39,30  | HM3164                 | MS3164                                             | HMV64                                |
| 320            | OH3968H                                       | 144 | 45 | Tr 340x5                  | 400            | 58                            | M6 | 3,5 | 7  | 24,50  | HM3068                 | MS3068                                             | HMV68                                |
| 320            | OH3068H                                       | 187 | 45 | Tr 340x5                  | 400            | 58                            | M6 | 3,5 | 7  | 28,70  | HM3068                 | MS3068                                             | HMV68                                |
| 320            | OH3168H                                       | 254 | 55 | Tr 340x5                  | 440            | 72                            | M6 | 3,5 | 7  | 50,00  | HM3168                 | MS3168                                             | HMV68                                |
| 320            | OH3268H                                       | 288 | 55 | Tr 340x5                  | 440            | 72                            | M6 | 3,5 | 7  | 54,60  | HM3168                 | MS3168                                             | HMV68                                |
| 340            | OH3972H                                       | 144 | 45 | Tr 360x5                  | 420            | 58                            | M6 | 3,5 | 7  | 25,20  | HM3072                 | MS3072                                             | HMV72                                |
| 340            | OH3072H                                       | 188 | 45 | Tr 360x5                  | 420            | 58                            | M6 | 3,5 | 7  | 30,50  | HM3072                 | MS3072                                             | HMV72                                |
| 340            | OH3172H                                       | 259 | 58 | Tr 360x5                  | 460            | 75                            | M6 | 3,5 | 7  | 56,00  | HM3172                 | MS3172                                             | HMV72                                |
| 340            | OH3272H                                       | 299 | 58 | Tr 360x5                  | 460            | 75                            | M6 | 3,5 | 7  | 60,60  | HM3172                 | MS3172                                             | HMV72                                |
| 360            | OH3976H                                       | 164 | 48 | Tr 380x5                  | 450            | 62                            | M6 | 3,5 | 7  | 31,50  | HM3076                 | MS3076                                             | HMV76                                |
| 360            | OH3076H                                       | 193 | 48 | Tr 380x5                  | 450            | 62                            | M6 | 3,5 | 7  | 35,80  | HM3076                 | MS3076                                             | HMV76                                |
| 360            | OH3176H                                       | 264 | 60 | Tr 380x5                  | 490            | 77                            | M6 | 3,5 | 7  | 61,70  | HM3176                 | MS3176                                             | HMV76                                |
| 360            | OH3276H                                       | 310 | 60 | Tr 380x5                  | 490            | 77                            | M6 | 3,5 | 7  | 69,60  | HM3176                 | MS3176                                             | HMV76                                |
| 380            | OH3980H                                       | 168 | 52 | Tr 400x5                  | 470            | 66                            | M6 | 3,5 | 7  | 35,00  | HM3080                 | MS3080                                             | HMV80                                |
| 380            | OH3080H                                       | 210 | 52 | Tr 400x5                  | 470            | 66                            | M6 | 3,5 | 7  | 41,30  | HM3080                 | MS3080                                             | HMV80                                |
| 380            | OH3180H                                       | 272 | 62 | Tr 400x5                  | 520            | 82                            | M6 | 3,5 | 7  | 73,00  | HM3180                 | MS3180                                             | HMV80                                |
| 380            | OH3280H                                       | 328 | 62 | Tr 400x5                  | 520            | 82                            | M6 | 3,5 | 7  | 81,00  | HM3180                 | MS3180                                             | HMV80                                |
| 400            | OH3984H                                       | 168 | 52 | Tr 420x5                  | 490            | 66                            | M6 | 3,5 | 7  | 36,60  | HM3084                 | MS3084                                             | HMV84                                |
| 400            | OH3084H                                       | 212 | 52 | Tr 420x5                  | 490            | 66                            | M6 | 3,5 | 7  | 43,70  | HM3084                 | MS3084                                             | HMV84                                |
| 400            | OH3184H                                       | 304 | 70 | Tr 420x5                  | 540            | 90                            | M6 | 3,5 | 7  | 84,20  | HM3184                 | MS3184                                             | HMV84                                |
| 400            | OH3284H                                       | 352 | 70 | Tr 420x5                  | 540            | 90                            | M6 | 3,5 | 7  | 96,00  | HM3184                 | MS3184                                             | HMV84                                |
| 410            | OH3988H                                       | 189 | 60 | Tr 440x5                  | 520            | 77                            | M8 | 6,5 | 12 | 58,00  | HM3088                 | MS3088                                             | HMV88                                |
| 410            | OH3088H                                       | 228 | 60 | Tr 440x5                  | 520            | 77                            | M8 | 6,5 | 12 | 65,20  | HM3088                 | MS3088                                             | HMV88                                |
| 410            | OH3188H                                       | 307 | 70 | Tr 440x5                  | 560            | 90                            | M8 | 6,5 | 12 | 104,00 | HM3188                 | MS3188                                             | HMV88                                |

<sup>(1)</sup> Los manguitos adaptadores hidráulicos vienen completos con tuercas de fijación y arandelas de retención o placas de sujeción.

<sup>(2)</sup> M significa rosca en sistema métrico y los dígitos son el diámetro mayor de la rosca y el diámetro primitivo.

Tr significa 30°. La rosca trapecoidal y los dígitos están fuera del diámetro de la rosca y del diámetro primitivo.

<sup>(3)</sup> Los adaptadores con las dimensiones C<sub>1</sub> poseen un dispositivo de bloqueo como muestra la ilustración.

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Continúa de la página anterior.

| d <sub>1</sub> | Manguito<br>Número de<br>parte <sup>(1)</sup> | L   | C   | Rosca <sup>(2)</sup><br>G | D3  | C <sub>1</sub> <sup>(3)</sup> | Ro   | e   | t  | Peso   | Tuercas de<br>fijación | Arandela de<br>retención<br>y placa de<br>sujeción | Tuerca hidráulica<br>correspondiente |
|----------------|-----------------------------------------------|-----|-----|---------------------------|-----|-------------------------------|------|-----|----|--------|------------------------|----------------------------------------------------|--------------------------------------|
| mm             |                                               | mm  | mm  | mm                        | mm  | mm                            |      | mm  | mm | kg     |                        |                                                    |                                      |
| 410            | OH3288H                                       | 361 | 70  | Tr 440x5                  | 560 | 90                            | M8   | 6,5 | 12 | 118,00 | HM3188                 | MS3188                                             | HMV88                                |
| 430            | OH3992H                                       | 189 | 60  | Tr 460x5                  | 540 | 77                            | M8   | 6,5 | 12 | 60,00  | HM3092                 | MS3092                                             | HMV92                                |
| 430            | OH3092H                                       | 234 | 60  | Tr 460x5                  | 540 | 77                            | M8   | 6,5 | 12 | 71,00  | HM3092                 | MS3092                                             | HMV92                                |
| 430            | OH3192H                                       | 326 | 75  | Tr 460x5                  | 580 | 95                            | M8   | 6,5 | 12 | 116,00 | HM3192                 | MS3192                                             | HMV92                                |
| 430            | OH3292H                                       | 382 | 75  | Tr 460x5                  | 580 | 95                            | M8   | 6,5 | 12 | 134,00 | HM3192                 | MS3192                                             | HMV92                                |
| 450            | OH3996H                                       | 200 | 60  | Tr 480x5                  | 560 | 77                            | M8   | 6,5 | 12 | 66,00  | HM3096                 | MS30/96                                            | HMV96                                |
| 450            | OH3096H                                       | 237 | 60  | Tr 480x5                  | 560 | 77                            | M8   | 6,5 | 12 | 75,00  | HM3096                 | MS30/96                                            | HMV96                                |
| 450            | OH3196H                                       | 335 | 75  | Tr 480x5                  | 620 | 95                            | M8   | 6,5 | 12 | 135,00 | HM3196                 | MS3196                                             | HMV96                                |
| 450            | OH3296H                                       | 397 | 75  | Tr 480x5                  | 620 | 95                            | M8   | 6,5 | 12 | 153,00 | HM3196                 | MS3196                                             | HMV96                                |
| 470            | OH39/500H                                     | 208 | 68  | Tr 500x5                  | 580 | 85                            | M8   | 6,5 | 12 | 74,30  | HM30/500               | MS30/500                                           | HMV100                               |
| 470            | OH31/500H                                     | 356 | 80  | Tr 500x5                  | 630 | 100                           | M8   | 6,5 | 12 | 145,00 | HM31/500               | MS31/500                                           | HMV100                               |
| 470            | OH32/500H                                     | 428 | 80  | Tr 500x5                  | 630 | 100                           | M8   | 6,5 | 12 | 166,00 | HM31/500               | MS31/500                                           | HMV100                               |
| 500            | OH39/530H                                     | 216 | 68  | Tr 530x6                  | 630 | 90                            | M8   | 6   | 12 | 87,90  | HM30/530               | MS30/530                                           | HMV106                               |
| 500            | OH31/530H                                     | 364 | 80  | Tr 530x6                  | 670 | 105                           | M8   | 6   | 12 | 161,00 | HM31/530               | MS31/530                                           | HMV106                               |
| 500            | OH32/530H                                     | 447 | 80  | Tr 530x6                  | 670 | 105                           | M8   | 6   | 12 | 192,00 | HM31/530               | MS31/530                                           | HMV106                               |
| 530            | OH39/560H                                     | 227 | 75  | Tr 560x6                  | 650 | 97                            | M8   | 6   | 12 | 95,00  | HM30/560               | MS30/560                                           | HMV112                               |
| 530            | OH31/560H                                     | 377 | 85  | Tr 560x6                  | 710 | 110                           | M8   | 6   | 12 | 185,00 | HM31/560               | MS31/560                                           | HMV112                               |
| 530            | OH32/560H                                     | 462 | 85  | Tr 560x6                  | 710 | 110                           | M8   | 6   | 12 | 219,00 | HM31/560               | MS31/560                                           | HMV112                               |
| 560            | OH39/600H                                     | 239 | 75  | Tr 600x6                  | 700 | 97                            | G1/8 | 8   | 13 | 127,00 | HM30/600               | MS30/600                                           | HMV120                               |
| 560            | OH30/600H                                     | 289 | 75  | Tr 600x6                  | 700 | 97                            | G1/8 | 8   | 13 | 147,00 | HM30/600               | MS30/600                                           | HMV120                               |
| 560            | OH31/600H                                     | 399 | 85  | Tr 600x6                  | 750 | 110                           | G1/8 | 8   | 13 | 234,00 | HM31/600               | MS31/600                                           | HMV120                               |
| 560            | OH32/600H                                     | 487 | 85  | Tr 600x6                  | 750 | 110                           | G1/8 | 8   | 13 | 278,00 | HM31/600               | MS31/600                                           | HMV120                               |
| 600            | OH39/630H                                     | 254 | 75  | Tr 630x6                  | 730 | 97                            | M8   | 6   | 12 | 124,00 | HM30/630               | MS30/630                                           | HMV126                               |
| 600            | OH30/630H                                     | 301 | 75  | Tr 630x6                  | 730 | 97                            | M8   | 6   | 12 | 138,00 | HM30/630               | MS30/630                                           | HMV126                               |
| 600            | OH31/630H                                     | 424 | 95  | Tr 630x6                  | 800 | 120                           | M8   | 6   | 12 | 254,00 | HM31/630               | MS31/630                                           | HMV126                               |
| 600            | OH32/630H                                     | 521 | 95  | Tr 630x6                  | 800 | 120                           | M8   | 6   | 12 | 300,00 | HM 31/630              | MS31/630                                           | HMV126                               |
| 630            | OH39/670H                                     | 264 | 80  | Tr 670x6                  | 780 | 102                           | G1/8 | 8   | 13 | 162,00 | HM30/670               | MS30/670                                           | HMV134                               |
| 630            | OH30/670H                                     | 324 | 80  | Tr 670x6                  | 780 | 102                           | G1/8 | 8   | 13 | 190,00 | HM30/670               | MS30/670                                           | HMV134                               |
| 630            | OH31/670H                                     | 456 | 106 | Tr 670x6                  | 850 | 131                           | G1/8 | 8   | 13 | 340,00 | HM31/670               | MS31/670                                           | HMV134                               |
| 630            | OH32/670H                                     | 558 | 106 | Tr 670x6                  | 850 | 131                           | G1/8 | 8   | 13 | 401,00 | HM31/670               | MS31/670                                           | HMV134                               |

<sup>(1)</sup> Los manguitos adaptadores hidráulicos vienen completos con tuercas de fijación y arandelas de retención o placas de sujeción.

<sup>(2)</sup> M significa rosca en sistema métrico y los dígitos son el diámetro mayor de la rosca y el diámetro primitivo.

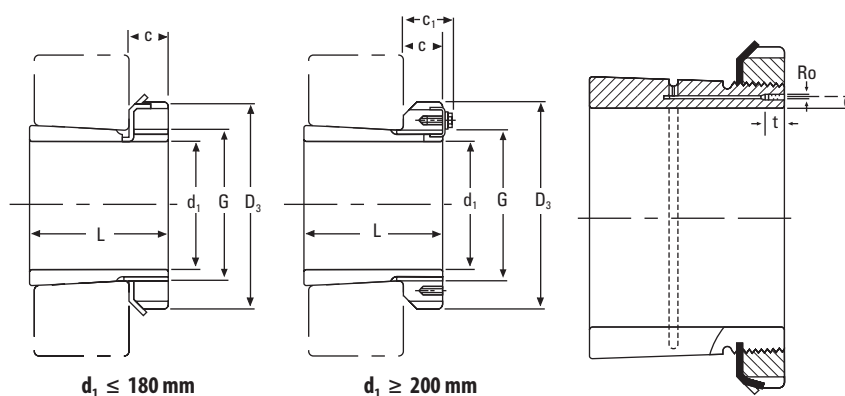
Tr significa 30°. La rosca trapezoidal y los dígitos están fuera del diámetro de la rosca y del diámetro primitivo.

<sup>(3)</sup> Los adaptadores con las dimensiones C<sub>1</sub> poseen un dispositivo de bloqueo como muestra la ilustración.

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## MANGUITOS ADAPTADORES HIDRÁULICOS OH (continuación)

- Incluye manguito de montaje, tuerca de fijación y arandela de retención o placa de sujeción.
- La asistencia hidráulica facilita el montaje de rodamientos grandes. Bomba de aceite necesaria para inyectar aceite presurizado.
- Puede haber otras dimensiones disponibles, consulte con su ingeniero de ventas de Timken.



Continúa de la página anterior.

| d <sub>1</sub> | Manguito<br>Número de<br>parte <sup>(1)</sup> | L   | C   | Rosca <sup>(2)</sup><br>G | D <sub>3</sub> | C <sub>1</sub> <sup>(3)</sup> | Ro   | e  | t  | Peso   | Tuercas de<br>fijación | Arandela de<br>retención<br>y placa de<br>sujeción | Tuerca hidráulica<br>correspondiente |
|----------------|-----------------------------------------------|-----|-----|---------------------------|----------------|-------------------------------|------|----|----|--------|------------------------|----------------------------------------------------|--------------------------------------|
| mm             |                                               | mm  | mm  | mm                        | mm             | mm                            |      | mm | mm | kg     |                        |                                                    |                                      |
| 670            | OH39/710H                                     | 286 | 90  | Tr 710x7                  | 830            | 112                           | G1/8 | 8  | 13 | 183,00 | HM30/710               | MS30/710                                           | HMV142                               |
| 670            | OH30/710H                                     | 342 | 90  | Tr 710x7                  | 830            | 112                           | G1/8 | 8  | 13 | 228,00 | HM30/710               | MS30/710                                           | HMV142                               |
| 670            | OH31/710H                                     | 467 | 106 | Tr 710x7                  | 900            | 135                           | G1/8 | 8  | 13 | 392,00 | HM31/710               | MS31/710                                           | HMV142                               |
| 670            | OH32/710H                                     | 572 | 106 | Tr 710x7                  | 900            | 135                           | G1/8 | 8  | 13 | 459,00 | HM31/710               | MS31/710                                           | HMV142                               |
| 710            | OH39/750H                                     | 291 | 90  | Tr 750x7                  | 870            | 112                           | G1/8 | 8  | 13 | 211,00 | HM30/750               | MS30/750                                           | HMV150                               |
| 710            | OH30/750H                                     | 356 | 90  | Tr 750x7                  | 870            | 112                           | G1/8 | 8  | 13 | 246,00 | HM30/750               | MS30/750                                           | HMV150                               |
| 710            | OH31/750H                                     | 493 | 112 | Tr 750x7                  | 950            | 141                           | G1/8 | 8  | 13 | 451,00 | HM31/750               | MS31/750                                           | HMV150                               |
| 710            | OH32/750H                                     | 603 | 112 | Tr 750x7                  | 950            | 141                           | G1/8 | 8  | 13 | 526,00 | HM31/750               | MS31/750                                           | HMV150                               |
| 750            | OH39/800H                                     | 303 | 90  | Tr 800x7                  | 920            | 112                           | G1/8 | 10 | 13 | 259,00 | HM30/800               | MS30/800                                           | HMV160                               |
| 750            | OH31/800H                                     | 505 | 112 | Tr 800x7                  | 1000           | 141                           | G1/8 | 10 | 13 | 535,00 | HM31/800               | MS31/800                                           | HMV160                               |
| 750            | OH32/800H                                     | 618 | 112 | Tr 800x7                  | 1000           | 141                           | G1/8 | 10 | 13 | 629,00 | HM31/800               | MS31/800                                           | HMV160                               |
| 800            | OH39/850H                                     | 308 | 90  | Tr 850x7                  | 980            | 115                           | G1/8 | 10 | 13 | 288,00 | HM30/850               | MS30/850                                           | HMV170                               |
| 800            | OH31/850H                                     | 536 | 118 | Tr 850x7                  | 1060           | 147                           | G1/8 | 10 | 13 | 616,00 | HM31/850               | MS31/850                                           | HMV170                               |
| 800            | OH32/850H                                     | 651 | 118 | Tr 850x7                  | 1060           | 147                           | G1/8 | 10 | 13 | 722,00 | HM31/850               | MS31/850                                           | HMV170                               |
| 850            | OH39/900H                                     | 326 | 100 | Tr 900x7                  | 1030           | 125                           | G1/8 | 10 | 13 | 330,00 | HM30/900               | MS30/900                                           | HMV180                               |
| 850            | OH31/900H                                     | 557 | 125 | Tr 900x7                  | 1120           | 154                           | G1/8 | 10 | 13 | 677,00 | HM31/900               | MS31/900                                           | HMV180                               |
| 850            | OH32/900H                                     | 660 | 125 | Tr 900x7                  | 1120           | 154                           | G1/8 | 10 | 13 | 776,00 | HM31/900               | MS31/900                                           | HMV180                               |
| 900            | OH39/950H                                     | 344 | 100 | Tr 950x8                  | 1080           | 125                           | G1/8 | 10 | 13 | 362,00 | HM30/950               | MS30/950                                           | HMV190                               |
| 900            | OH31/950H                                     | 583 | 125 | Tr 950x8                  | 1170           | 154                           | G1/8 | 10 | 13 | 738,00 | HM31/950               | MS31/950                                           | HMV190                               |
| 900            | OH32/950H                                     | 675 | 125 | Tr 950x8                  | 1170           | 154                           | G1/8 | 10 | 13 | 834,00 | HM31/950               | MS31/950                                           | HMV190                               |
| 950            | OH39/1000H                                    | 358 | 100 | Tr 1000x8                 | 1140           | 125                           | G1/8 | 10 | 13 | 407,00 | HM30/1000              | MS30/1000                                          | HMV200                               |
| 950            | OH31/1000H                                    | 609 | 125 | Tr 1000x8                 | 1240           | 154                           | G1/8 | 10 | 13 | 842,00 | HM31/1000              | MS31/1000                                          | HMV200                               |
| 950            | OH32/1000H                                    | 707 | 125 | Tr 1000x8                 | 1240           | 154                           | G1/8 | 10 | 13 | 952,00 | HM31/1000              | MS31/1000                                          | HMV200                               |
| 1000           | OH39/1060H                                    | 372 | 100 | Tr 1060x8                 | 1200           | 125                           | G1/8 | 12 | 15 | 490,00 | HM30/1060              | MS30/1060                                          | HMV212                               |
| 1000           | OH30/1060H                                    | 447 | 100 | Tr 1060x8                 | 1200           | 125                           | G1/8 | 12 | 15 | 571,00 | HM30/1060              | MS30/1060                                          | HMV212                               |
| 1000           | OH31/1060H                                    | 622 | 125 | Tr 1060x8                 | 1300           | 154                           | G1/8 | 12 | 15 | 984,00 | HM31/1060              | MS31/1060                                          | HMV212                               |

<sup>(1)</sup> Los manguitos adaptadores hidráulicos vienen completos con tuercas de fijación y arandelas de retención o placas de sujeción.

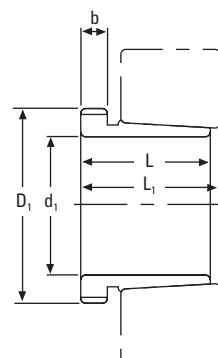
<sup>(2)</sup> M significa rosca en sistema métrico y los dígitos son el diámetro mayor de la rosca y el diámetro primitivo.

Tr significa 30°. La rosca trapecoidal y los dígitos están fuera del diámetro de la rosca y del diámetro primitivo.

<sup>(3)</sup> Los adaptadores con las dimensiones C<sub>1</sub> poseen un dispositivo de bloqueo como muestra la ilustración.

## MANGUITOS DE DESMONTAJE AH

- Manguitos que se utilizan para desmontar un rodamiento de diámetro interior cónico del eje.
- Desmontaje efectivo.
- Puede haber otras dimensiones disponibles, consulte con su ingeniero de ventas de Timken.



| d <sub>1</sub> | Manguito de desmontaje<br>Número de parte | L  | L <sub>1</sub> <sup>(1)</sup> | b  | Rosca <sup>(2)</sup><br>D <sub>1</sub> | Peso | Núm. de tuerca de<br>desmontaje correspondiente | Tuerca hidráulica<br>correspondiente |
|----------------|-------------------------------------------|----|-------------------------------|----|----------------------------------------|------|-------------------------------------------------|--------------------------------------|
| mm             |                                           | mm | mm                            | mm | mm                                     | kg   |                                                 |                                      |
| 35             | AH308                                     | 29 | 32                            | 6  | M 45x1,5                               | 0,09 | KM9                                             |                                      |
| 35             | AH2308                                    | 40 | 43                            | 7  | M 45x1,5                               | 0,13 | KM9                                             |                                      |
| 40             | AH309                                     | 31 | 34                            | 6  | M 50x1,5                               | 0,11 | KM10                                            | HMV10                                |
| 40             | AH2309                                    | 44 | 47                            | 7  | M 50x1,5                               | 0,16 | KM10                                            | HMV10                                |
| 45             | AHX310                                    | 35 | 38                            | 7  | M 55x2                                 | 0,14 | KM11                                            | HMV11                                |
| 45             | AHX2310                                   | 50 | 53                            | 9  | M 55x2                                 | 0,21 | KM11                                            | HMV11                                |
| 50             | AHX311                                    | 37 | 40                            | 7  | M 60x2                                 | 0,16 | KM12                                            | HMV12                                |
| 50             | AHX2311                                   | 54 | 57                            | 10 | M 60x2                                 | 0,25 | KM12                                            | HMV12                                |
| 55             | AHX312                                    | 40 | 43                            | 8  | M 65x2                                 | 0,19 | KM13                                            | HMV13                                |
| 55             | AHX2312                                   | 58 | 61                            | 11 | M 65x2                                 | 0,30 | KM13                                            | HMV13                                |
| 60             | AH313G                                    | 42 | 45                            | 8  | M 70x2                                 | 0,35 | KM14                                            | HMV14                                |
| 65             | AH314G                                    | 43 | 47                            | 8  | M 75x2                                 | 0,24 | KM15                                            | HMV15                                |
| 65             | AHX2314G                                  | 64 | 68                            | 12 | M 75x2                                 | 0,42 | KM15                                            | HMV15                                |
| 70             | AH315G                                    | 45 | 49                            | 8  | M 80x2                                 | 0,29 | KM16                                            | HMV16                                |
| 70             | AHX2315G                                  | 68 | 72                            | 12 | M 80x2                                 | 0,48 | KM16                                            | HMV16                                |
| 75             | AH316                                     | 48 | 52                            | 8  | M 90x2                                 | 0,37 | KM18                                            | HMV18                                |
| 75             | AHX2316                                   | 71 | 75                            | 12 | M 90x2                                 | 0,60 | KM18                                            | HMV18                                |
| 80             | AHX317                                    | 52 | 56                            | 9  | M 95x2                                 | 0,43 | KM19                                            | HMV19                                |
| 80             | AHX2317                                   | 74 | 78                            | 13 | M 95x2                                 | 0,67 | KM19                                            | HMV19                                |
| 85             | AHX318                                    | 53 | 57                            | 9  | M 100x2                                | 0,46 | KM20                                            | HMV20                                |
| 85             | AHX3218                                   | 63 | 67                            | 10 | M 100x2                                | 0,58 | KM20                                            | HMV20                                |
| 85             | AHX2318                                   | 79 | 83                            | 14 | M 100x2                                | 0,78 | KM20                                            | HMV20                                |
| 90             | AHX319                                    | 57 | 61                            | 10 | M 105x2                                | 0,53 | KM21                                            | HMV21                                |
| 90             | AHX2319                                   | 85 | 89                            | 16 | M 105x2                                | 0,89 | KM21                                            | HMV21                                |
| 95             | AHX320                                    | 59 | 63                            | 10 | M 110x2                                | 0,60 | KM22                                            | HMV22                                |
| 95             | AHX3120                                   | 64 | 68                            | 11 | M 110x2                                | 0,65 | KM22                                            | HMV22                                |
| 95             | AHX3220                                   | 73 | 77                            | 11 | M 110x2                                | 0,77 | KM22                                            | HMV22                                |
| 95             | AHX2320                                   | 90 | 94                            | 16 | M 110x2                                | 1,00 | KM22                                            | HMV22                                |
| 105            | AHX322                                    | 63 | 67                            | 12 | M 120X2                                | 0,66 | KM24                                            | HMV24                                |
| 105            | AHX3122                                   | 68 | 72                            | 11 | M 120X2                                | 0,76 | KM24                                            | HMV24                                |
| 105            | AH24122                                   | 82 | 91                            | 13 | M 115x2                                | 0,73 | KM23                                            | HMV23                                |
| 105            | AHX3222G                                  | 82 | 86                            | 11 | M 120X2                                | 1,00 | KM24                                            | HMV24                                |

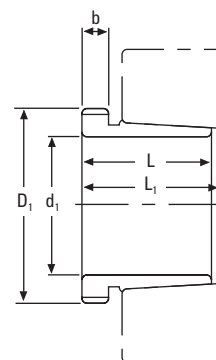
<sup>(1)</sup> La dimensión L<sub>1</sub> disminuye cuando el manguito de desmontaje es introducido durante el montaje.

<sup>(2)</sup> M significa rosca en sistema métrico y los dígitos son el diámetro mayor de la rosca y el diámetro primitivo.  
Tr significa 30°. La rosca trapezoidal y los dígitos están fuera del diámetro de la rosca y del diámetro primitivo.

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## MANGUITOS DE DESMONTAJE AH (continuación)

- Manguitos que se utilizan para desmontar un rodamiento de diámetro interior cónico del eje.
- Desmontaje efectivo.
- Puede haber otras dimensiones disponibles, consulte con su ingeniero de ventas de Timken.



Continúa de la página anterior.

| d <sub>1</sub> | Manguito de desmontaje<br>Número de parte | L   | L <sub>1</sub> <sup>(1)</sup> | b  | Rosca <sup>(2)</sup><br>D <sub>1</sub> | Peso | Núm. de tuerca de<br>desmontaje correspondiente | Tuerca hidráulica<br>correspondiente |
|----------------|-------------------------------------------|-----|-------------------------------|----|----------------------------------------|------|-------------------------------------------------|--------------------------------------|
| mm             |                                           | mm  | mm                            | mm | mm                                     | kg   |                                                 |                                      |
| 105            | AHX2322G                                  | 98  | 102                           | 16 | M 120x2                                | 1,26 | KM24                                            | HMV24                                |
| 115            | AHX3024                                   | 60  | 64                            | 13 | M 130x2                                | 0,75 | KM26                                            | HMV26                                |
| 115            | AH24024                                   | 73  | 82                            | 13 | M 125x2                                | 0,65 | KM25                                            | HMV25                                |
| 115            | AHX3124                                   | 75  | 79                            | 12 | M 130x2                                | 0,95 | KM26                                            | HMV26                                |
| 115            | AHX3224G                                  | 90  | 94                            | 13 | M 130x2                                | 1,20 | KM26                                            | HMV26                                |
| 115            | AH24124                                   | 93  | 102                           | 13 | M 130x2                                | 1,00 | KM26                                            | HMV26                                |
| 115            | AHX324G                                   | 105 | 109                           | 17 | M 130x2                                | 1,49 | KM26                                            | HMV26                                |
| 125            | AHX3026                                   | 67  | 71                            | 14 | M 140x2                                | 0,93 | KM28                                            | HMV28                                |
| 125            | AHX3126                                   | 78  | 82                            | 12 | M 140x2                                | 1,09 | KM28                                            | HMV28                                |
| 125            | AH24026                                   | 83  | 93                            | 14 | M 135x2                                | 0,84 | KM27                                            | HMV27                                |
| 125            | AH24126                                   | 94  | 104                           | 14 | M 140x2                                | 1,15 | KM28                                            | HMV28                                |
| 125            | AHX3226G                                  | 98  | 102                           | 15 | M 140x2                                | 1,47 | KM28                                            | HMV28                                |
| 125            | AHX326G                                   | 115 | 119                           | 19 | M 140x2                                | 1,83 | KM28                                            | HMV28                                |
| 135            | AHX3028                                   | 68  | 73                            | 14 | M 150x2                                | 1,01 | KM30                                            | HMV30                                |
| 135            | AH24028                                   | 83  | 93                            | 14 | M 145x2                                | 0,91 | KM29                                            | HMV29                                |
| 135            | AHX3128                                   | 83  | 88                            | 14 | M 150x2                                | 1,28 | KM30                                            | HMV30                                |
| 135            | AH24128                                   | 99  | 109                           | 14 | M 150x2                                | 1,25 | KM30                                            | HMV30                                |
| 135            | AHX3228G                                  | 104 | 109                           | 15 | M 150x2                                | 1,72 | KM30                                            | HMV30                                |
| 135            | AHX328G                                   | 125 | 130                           | 20 | M 150x2                                | 2,22 | KM30                                            | HMV30                                |
| 145            | AHX3030                                   | 72  | 77                            | 15 | M 160x3                                | 1,15 | KM32                                            | HMV32                                |
| 145            | AHX3130G                                  | 96  | 101                           | 15 | M 160x3                                | 1,64 | KM32                                            | HMV32                                |
| 145            | AHX3230G                                  | 114 | 119                           | 17 | M 160x3                                | 2,07 | KM32                                            | HMV32                                |
| 145            | AH24130                                   | 115 | 126                           | 15 | M 160x3                                | 1,60 | KM32                                            | HMV32                                |
| 145            | AHX2330G                                  | 135 | 140                           | 24 | M 160x3                                | 2,60 | KM32                                            | HMV32                                |
| 150            | AH3032                                    | 77  | 82                            | 16 | M 170x3                                | 2,06 | KM34                                            | HMV34                                |
| 150            | AH24032                                   | 95  | 106                           | 15 | M 170x3                                | 2,27 | KM34                                            | HMV34                                |
| 150            | AH3132G                                   | 103 | 108                           | 16 | M 170x3                                | 2,90 | KM34                                            | HMV34                                |
| 150            | AH24132                                   | 124 | 135                           | 15 | M 170x3                                | 3,00 | KM34                                            | HMV34                                |
| 150            | AH3232G                                   | 124 | 130                           | 20 | M 170x3                                | 3,63 | KM34                                            | HMV34                                |
| 160            | AH3034                                    | 85  | 90                            | 17 | M 180x3                                | 2,43 | KM36                                            | HMV36                                |
| 160            | AH3134G                                   | 104 | 109                           | 16 | M 180x3                                | 3,04 | KM36                                            | HMV36                                |
| 160            | AH24034                                   | 106 | 117                           | 16 | M 180x3                                | 2,80 | KM36                                            | HMV36                                |

<sup>(1)</sup> La dimensión L<sub>1</sub> disminuye cuando el manguito de desmontaje es introducido durante el montaje.

<sup>(2)</sup> M significa rosca en sistema métrico y los dígitos son el diámetro mayor de la rosca y el diámetro primitivo.  
Tr significa 30°. La rosca trapezoidal y los dígitos están fuera del diámetro de la rosca y del diámetro primitivo.

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| d <sub>i</sub> | Manguito de desmontaje<br>Número de parte | L   | L <sub>1</sub> <sup>(1)</sup> | b  | Rosca <sup>(2)</sup><br>D <sub>1</sub> | Peso  | Núm. de tuerca de<br>desmontaje correspondiente | Tuerca hidráulica<br>correspondiente |
|----------------|-------------------------------------------|-----|-------------------------------|----|----------------------------------------|-------|-------------------------------------------------|--------------------------------------|
| mm             |                                           | mm  | mm                            | mm | mm                                     | kg    |                                                 |                                      |
| 160            | AH24134                                   | 125 | 136                           | 16 | M 180x3                                | 3,21  | KM36                                            | HMV36                                |
| 160            | AH3234G                                   | 134 | 140                           | 24 | M 180x3                                | 4,35  | KM36                                            | HMV36                                |
| 170            | AH3136G                                   | 116 | 122                           | 19 | M 190x3                                | 3,77  | KM38                                            | HMV38                                |
| 170            | AH3236G                                   | 140 | 146                           | 24 | M 190x3                                | 4,77  | KM38                                            | HMV38                                |
| 180            | AH3038G                                   | 96  | 102                           | 18 | M 200x3                                | 3,16  | KM40                                            | HMV40                                |
| 180            | AH24038                                   | 118 | 131                           | 18 | M 200x3                                | 3,46  | KM40                                            | HMV40                                |
| 180            | AH3138G                                   | 125 | 131                           | 20 | M 200x3                                | 4,38  | KM40                                            | HMV40                                |
| 180            | AH3238G                                   | 145 | 152                           | 25 | M 200x3                                | 5,30  | KM40                                            | HMV40                                |
| 180            | AH24138                                   | 146 | 159                           | 18 | M 200x3                                | 4,28  | KM40                                            | HMV40                                |
| 190            | AH3040G                                   | 102 | 108                           | 19 | Tr 210x4                               | 3,57  | HM42T                                           | HMV42                                |
| 190            | AH24040                                   | 127 | 140                           | 18 | Tr 210x4                               | 3,93  | HM42T                                           | HMV42                                |
| 190            | AH3140                                    | 134 | 140                           | 21 | Tr 220x4                               | 5,55  | HM3044                                          | HMV44                                |
| 190            | AH3240                                    | 153 | 160                           | 25 | Tr 220x4                               | 6,59  | HM3044                                          | HMV44                                |
| 190            | AH24140                                   | 158 | 171                           | 18 | Tr 210x4                               | 5,10  | HM42T                                           | HMV42                                |
| 200            | AH3044G                                   | 111 | 117                           | 20 | Tr 230x4                               | 7,10  | HM46T                                           | HMV46                                |
| 200            | AH24044                                   | 138 | 152                           | 20 | Tr 230x4                               | 8,25  | HM46T                                           | HMV46                                |
| 200            | AH3144                                    | 145 | 151                           | 23 | Tr 240x4                               | 10,40 | HM48                                            | HMV48                                |
| 200            | AH24144                                   | 170 | 184                           | 20 | Tr 230x4                               | 10,20 | HM46                                            | HMV46                                |
| 220            | AH3948                                    | 77  | 83                            | 16 | Tr 250x4                               | 5,29  | HM50                                            | HMV50                                |
| 220            | AH3048                                    | 116 | 123                           | 21 | Tr 260x4                               | 8,75  | HML52                                           | HMV52                                |
| 220            | AH24048                                   | 138 | 153                           | 20 | Tr 250x4                               | 9,00  | HM50                                            | HMV50                                |
| 220            | AH3148                                    | 154 | 161                           | 25 | Tr 260x4                               | 12,00 | HM52                                            | HMV52                                |
| 220            | AH24148                                   | 180 | 195                           | 20 | Tr 260x4                               | 12,50 | HM52                                            | HMV52                                |
| 240            | AH3952                                    | 94  | 100                           | 18 | Tr 270x4                               | 7,06  | HM54                                            | HMV54                                |
| 240            | AH3052                                    | 128 | 135                           | 23 | Tr 280x4                               | 10,70 | HML56                                           | HMV56                                |
| 240            | AH3152G                                   | 172 | 179                           | 26 | Tr 280x4                               | 15,10 | HM56T                                           | HMV56                                |
| 240            | AH24152                                   | 202 | 218                           | 22 | Tr 280x4                               | 15,40 | HM56                                            | HMV56                                |
| 260            | AH3956                                    | 94  | 100                           | 18 | Tr 290x4                               | 7,70  | HM58                                            | HMV58                                |
| 260            | AH3056                                    | 131 | 139                           | 24 | Tr 300x4                               | 12,00 | MB52                                            | HMV52                                |
| 260            | AH3156G                                   | 175 | 183                           | 28 | Tr 300x4                               | 16,70 | HM3160                                          | HMV60                                |
| 260            | AH24156                                   | 202 | 219                           | 22 | Tr 300x4                               | 16,30 | HM60                                            | HMV60                                |
| 280            | AH3960                                    | 112 | 119                           | 21 | Tr 310x5                               | 10,10 | HM62                                            | HMV62                                |

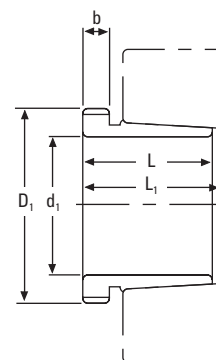
<sup>(1)</sup> La dimensión L<sub>1</sub> disminuye cuando el manguito de desmontaje es introducido durante el montaje.

<sup>(2)</sup> M significa rosca en sistema métrico y los dígitos son el diámetro mayor de la rosca y el diámetro primitivo.  
Tr significa 30°. La rosca trapezoidal y los dígitos están fuera del diámetro de la rosca y del diámetro primitivo.

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## MANGUITOS DE DESMONTAJE AH (continuación)

- Manguitos que se utilizan para desmontar un rodamiento de diámetro interior cónico del eje.
- Desmontaje efectivo.
- Puede haber otras dimensiones disponibles, consulte con su ingeniero de ventas de Timken.



Continúa de la página anterior.

| d <sub>1</sub> | Manguito de desmontaje<br>Número de parte | L   | L <sub>1</sub> <sup>(1)</sup> | b  | Rosca <sup>(2)</sup><br>D <sub>1</sub> | Peso  | Núm. de tuerca de<br>desmontaje correspondiente | Tuerca hidráulica<br>correspondiente |
|----------------|-------------------------------------------|-----|-------------------------------|----|----------------------------------------|-------|-------------------------------------------------|--------------------------------------|
| mm             |                                           | mm  | mm                            | mm | mm                                     | kg    |                                                 |                                      |
| 280            | AH3060                                    | 145 | 153                           | 26 | Tr 320x5                               | 14,40 | HML64                                           | HMV64                                |
| 280            | AH3160G                                   | 192 | 200                           | 30 | Tr 320x5                               | 19,90 | HM3164                                          | HMV64                                |
| 280            | AH24160                                   | 224 | 242                           | 24 | Tr 320x5                               | 19,50 | HM64                                            | HMV64                                |
| 280            | AH3260G                                   | 228 | 236                           | 34 | Tr 320x5                               | 24,60 | HM3164                                          | HMV64                                |
| 300            | AH3964                                    | 112 | 119                           | 21 | Tr 330x5                               | 10,80 | HM66                                            | HMV66                                |
| 300            | AH3064G                                   | 149 | 157                           | 27 | Tr 340x5                               | 15,80 | HM3068                                          | HMV68                                |
| 300            | AH3164G                                   | 209 | 217                           | 31 | Tr 340x5                               | 23,60 | HM3168                                          | HMV68                                |
| 300            | AH24164                                   | 242 | 260                           | 24 | Tr 340x5                               | 21,40 | HM68                                            | HMV68                                |
| 300            | AH3264G                                   | 246 | 254                           | 36 | Tr 340x5                               | 28,90 | HM3168                                          | HMV68                                |
| 320            | AH3968                                    | 112 | 119                           | 21 | Tr 360x5                               | 12,40 | HML72                                           | HMV72                                |
| 320            | AH3068G                                   | 162 | 171                           | 28 | Tr 360x5                               | 18,60 | HM3072                                          | HMV72                                |
| 320            | AH3168G                                   | 225 | 234                           | 33 | Tr 360x5                               | 27,60 | HM3172                                          | HMV72                                |
| 320            | AH3268G                                   | 264 | 273                           | 38 | Tr 360x5                               | 33,70 | HM3172                                          | HMV72                                |
| 320            | AH24168                                   | 269 | 288                           | 26 | Tr 360x5                               | 27,10 | HM72                                            | HMV72                                |
| 340            | AH3972                                    | 112 | 119                           | 21 | Tr 380x5                               | 13,10 | HML76                                           | HMV76                                |
| 340            | AH3072G                                   | 167 | 176                           | 30 | Tr 380x5                               | 20,40 | HM3076                                          | HMV76                                |
| 340            | AH3172G                                   | 229 | 238                           | 35 | Tr 380x5                               | 29,90 | HM3176                                          | HMV76                                |
| 340            | AH24172                                   | 269 | 289                           | 26 | Tr 380x5                               | 29,60 | HM76                                            | HMV76                                |
| 340            | AH3272G                                   | 274 | 283                           | 40 | Tr 380x5                               | 37,50 | HM3176                                          | HMV76                                |
| 360            | AH3976                                    | 130 | 138                           | 22 | Tr 400x5                               | 15,90 | HML80                                           | HMV80                                |
| 360            | AH3076G                                   | 170 | 180                           | 31 | Tr 400x5                               | 22,10 | HM3080                                          | HMV80                                |
| 360            | AH3176G                                   | 232 | 242                           | 36 | Tr 400x5                               | 32,20 | HM3180                                          | HMV80                                |
| 360            | AH24176                                   | 271 | 291                           | 28 | Tr 400x5                               | 31,30 | HM80                                            | HMV80                                |
| 360            | AH3276G                                   | 284 | 294                           | 42 | Tr 400x5                               | 41,50 | HM3180                                          | HMV80                                |
| 380            | AH3980                                    | 130 | 138                           | 22 | Tr 420x5                               | 17,20 | HML84                                           | HMV84                                |
| 380            | AH3080G                                   | 183 | 193                           | 33 | Tr 420x5                               | 25,40 | HM3084                                          | HMV84                                |
| 380            | AH3280G                                   | 302 | 312                           | 44 | Tr 420x5                               | 47,40 | HM3184                                          | HMV84                                |
| 400            | AH3984                                    | 130 | 138                           | 22 | Tr 440x5                               | 18,10 | HML88                                           | HMV88                                |
| 400            | AH3084G                                   | 186 | 196                           | 34 | Tr 440x5                               | 27,30 | HM3088                                          | HMV88                                |
| 400            | AH24084                                   | 230 | 252                           | 30 | Tr 440x5                               | 29,00 | HML88                                           | HMV88                                |
| 400            | AH3184G                                   | 266 | 276                           | 40 | Tr 440x5                               | 42,30 | HM3188                                          | HMV88                                |
| 400            | AH24184                                   | 310 | 332                           | 30 | Tr 440x5                               | 40,30 | HM88                                            | HMV88                                |

<sup>(1)</sup> La dimensión L<sub>1</sub> disminuye cuando el manguito de desmontaje es introducido durante el montaje.

<sup>(2)</sup> M significa rosca en sistema métrico y los dígitos son el diámetro mayor de la rosca y el diámetro primitivo.  
Tr significa 30°. La rosca trapezoidal y los dígitos están fuera del diámetro de la rosca y del diámetro primitivo.

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| d <sub>i</sub> | Manguito de desmontaje<br>Número de parte | L   | L <sub>1</sub> <sup>(1)</sup> | b  | Rosca <sup>(2)</sup><br>D <sub>1</sub> | Peso   | Núm. de tuerca de<br>desmontaje correspondiente | Tuerca hidráulica<br>correspondiente |
|----------------|-------------------------------------------|-----|-------------------------------|----|----------------------------------------|--------|-------------------------------------------------|--------------------------------------|
| mm             |                                           | mm  | mm                            | mm | mm                                     | kg     |                                                 |                                      |
| 400            | AH3284G                                   | 321 | 331                           | 46 | Tr 440x5                               | 54,00  | HM3188                                          | HMV88                                |
| 420            | AH3988                                    | 145 | 153                           | 25 | Tr 460x5                               | 21,50  | HML92                                           | HMV92                                |
| 420            | AHX3088G                                  | 194 | 205                           | 35 | Tr 460x5                               | 30,10  | HM3092                                          | HMV92                                |
| 420            | AH24088                                   | 242 | 264                           | 30 | Tr 460x5                               | 31,90  | HML92                                           | HMV92                                |
| 420            | AHX3188G                                  | 270 | 281                           | 42 | Tr 460x5                               | 42,30  | HM3192                                          | HMV92                                |
| 420            | AH24188                                   | 310 | 332                           | 30 | Tr 460x5                               | 42,30  | HM92                                            | HMV92                                |
| 420            | AHX3288                                   | 330 | 341                           | 48 | Tr 460x5                               | 63,80  | HM3192                                          | HMV92                                |
| 420            | AHX3288G                                  | 330 | 341                           | 48 | Tr 460x5                               | 58,80  | HM3192                                          | HMV92                                |
| 440            | AH3992                                    | 145 | 153                           | 25 | Tr 480x5                               | 22,50  | HML96                                           | HMV96                                |
| 440            | AHX3092G                                  | 202 | 213                           | 37 | Tr 480x5                               | 33,10  | HM3096                                          | HMV96                                |
| 440            | AH24092                                   | 250 | 273                           | 32 | Tr 480x5                               | 34,70  | HML96                                           | HMV96                                |
| 440            | AHX3192G                                  | 285 | 296                           | 43 | Tr 480x5                               | 50,80  | HML3196                                         | HMV96                                |
| 440            | AH24192                                   | 332 | 355                           | 32 | Tr 480x5                               | 47,60  | HM96                                            | HMV96                                |
| 440            | AHX3292G                                  | 349 | 360                           | 50 | Tr 480x5                               | 66,30  | HM3196                                          | HMV96                                |
| 460            | AH3996                                    | 158 | 167                           | 28 | Tr 500x5                               | 26,00  | HML100                                          | HMV100                               |
| 460            | AH24096                                   | 250 | 273                           | 32 | Tr 500x5                               | 36,60  | HML100                                          | HMV100                               |
| 460            | AHX3196G                                  | 295 | 307                           | 45 | Tr 500x5                               | 55,50  | HM31/500                                        | HMV100                               |
| 460            | AH24196                                   | 340 | 363                           | 32 | Tr 500x5                               | 52,70  | HM100                                           | HMV100                               |
| 460            | AHX3296G                                  | 364 | 376                           | 52 | Tr 500x5                               | 73,40  | HM31/500                                        | HMV100                               |
| 710            | AH32/750                                  | 540 | 556                           | 65 | Tr 800x7                               | 317,00 | HM31/800                                        | HMV160                               |

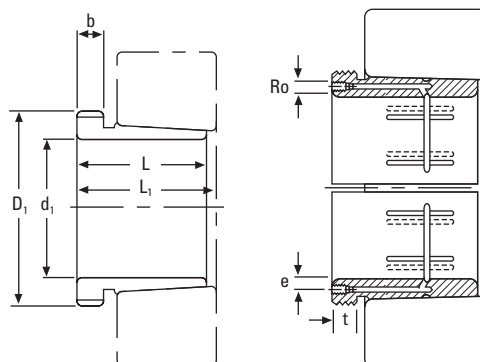
<sup>(1)</sup> La dimensión L<sub>1</sub> disminuye cuando el manguito de desmontaje es introducido durante el montaje.

<sup>(2)</sup> M significa rosca en sistema métrico y los dígitos son el diámetro mayor de la rosca y el diámetro primitivo.

Tr significa 30°. La rosca trapecoidal y los dígitos están fuera del diámetro de la rosca y del diámetro primitivo.

## MANGUITOS DE DESMONTAJE HIDRÁULICO AOH

- Mangos que se utilizan para desmontar un rodamiento de diámetro interior cónico del eje.
- La asistencia hidráulica facilita el desmontaje de rodamientos de gran tamaño. Bomba de aceite necesaria para inyectar aceite presurizado.
- Puede haber otras dimensiones disponibles, consulte con su ingeniero de ventas de Timken.



| d <sub>1</sub> | Manguito de desmontaje<br>Número de parte | L   | L <sub>1</sub> <sup>(1)</sup> | b  | Ro  | e   | t  | Rosca <sup>(2)</sup><br>D <sub>1</sub> | Peso | Núm. de tuerca de desmontaje correspondiente | Tuerca hidráulica correspondiente |
|----------------|-------------------------------------------|-----|-------------------------------|----|-----|-----|----|----------------------------------------|------|----------------------------------------------|-----------------------------------|
| mm             |                                           | mm  | mm                            | mm |     | mm  | mm | mm                                     | kg   |                                              |                                   |
| 200            | AOH3044G                                  | 111 | 117                           | 20 | G ½ | 6,5 | 12 | Tr 230x4                               | 7,29 | HM46T                                        | HMV46                             |
| 200            | AOH2244                                   | 130 | 136                           | 20 | G ¼ | 9   | 15 | Tr 240x4                               | 9,1  | HM3048                                       | HMV48                             |
| 200            | AOH24044                                  | 138 | 152                           | 20 | G ½ | 6,5 | 12 | Tr 230x4                               | 8,25 | HM46T                                        | HMV46                             |
| 200            | AOH3144                                   | 145 | 151                           | 23 | G ¼ | 9   | 15 | Tr 240x4                               | 10,4 | HM3048                                       | HMV48                             |
| 200            | AOH24144                                  | 170 | 184                           | 20 | G ½ | 6,5 | 12 | Tr 230x4                               | 10,2 | HM46T                                        | HMV46                             |
| 200            | AOH2344                                   | 181 | 189                           | 30 | G ¼ | 9   | 15 | Tr 240x4                               | 13,5 | HM3048                                       | HMV48                             |
| 220            | AOH3948                                   | 77  | 83                            | 16 | M 8 | 7,5 | 12 | Tr 250x4                               | 5,29 | HM50                                         | HMV50                             |
| 220            | AOH3048                                   | 116 | 123                           | 21 | G ¼ | 9   | 15 | Tr 260x4                               | 8,75 | HM3052                                       | HMV52                             |
| 220            | AOH24048                                  | 138 | 153                           | 20 | G ½ | 6,5 | 12 | Tr 250x4                               | 9    | HM50T                                        | HMV50                             |
| 220            | AOH3148                                   | 154 | 161                           | 25 | G ¼ | 9   | 15 | Tr 260x4                               | 12   | HM3052                                       | HMV52                             |
| 220            | AOH24148                                  | 180 | 195                           | 20 | G ¼ | 9   | 15 | Tr 260x4                               | 12,5 | HM3052                                       | HMV52                             |
| 220            | AOH2348                                   | 189 | 197                           | 30 | G ¼ | 9   | 15 | Tr 260x4                               | 15,5 | HM3052                                       | HMV52                             |
| 240            | AOH3952                                   | 94  | 100                           | 18 | M 8 | 7,5 | 12 | Tr 270x4                               | 7,06 | HM54                                         | HMV54                             |
| 240            | AOH3052                                   | 128 | 135                           | 23 | G ¼ | 9   | 15 | Tr 280x4                               | 10,7 | HM3056                                       | HMV56                             |
| 240            | AOH2252G                                  | 155 | 161                           | 23 | G ¼ | 9   | 15 | Tr 280x4                               | 13   | HM3056                                       | HMV56                             |
| 240            | AOH24052G                                 | 162 | 178                           | 22 | G ½ | 6,5 | 12 | Tr 280x4                               | 12,3 | HM3056                                       | HMV56                             |
| 240            | AOH3152G                                  | 172 | 179                           | 26 | G ¼ | 9   | 15 | Tr 280x4                               | 15,5 | HM3056                                       | HMV56                             |
| 240            | AOH24152                                  | 202 | 218                           | 22 | G ¼ | 9   | 15 | Tr 280x4                               | 15,4 | HM3056                                       | HMV56                             |
| 240            | AOH2352G                                  | 205 | 213                           | 30 | G ¼ | 9   | 15 | Tr 280x4                               | 18,9 | HM3056                                       | HMV56                             |
| 260            | AOH3956                                   | 94  | 100                           | 18 | M 8 | 7,5 | 12 | Tr 290x4                               | 7,07 | HM58                                         | HMV58                             |
| 260            | AOH3056                                   | 131 | 139                           | 24 | G ¼ | 9   | 15 | Tr 300x4                               | 12   | HM3060                                       | HMV60                             |
| 260            | AOH2256G                                  | 155 | 163                           | 24 | G ¼ | 9   | 15 | Tr 300x4                               | 14,6 | HM3160                                       | HMV60                             |
| 260            | AOH24056G                                 | 162 | 179                           | 22 | G ½ | 6,5 | 12 | Tr 300x4                               | 13,4 | HM3160                                       | HMV60                             |
| 260            | AOH3156G                                  | 175 | 183                           | 28 | G ¼ | 9   | 15 | Tr 300x4                               | 17,1 | HM3160                                       | HMV60                             |
| 260            | AOH24156                                  | 202 | 219                           | 22 | G ¼ | 9   | 15 | Tr 300x4                               | 16,3 | HM3160                                       | HMV60                             |
| 260            | AOH2356G                                  | 212 | 220                           | 30 | G ¼ | 9   | 15 | Tr 300x4                               | 21,3 | HM3160                                       | HMV60                             |
| 280            | AOH3960                                   | 112 | 119                           | 21 | M 8 | 7,5 | 12 | Tr 310x5                               | 10,1 | HM62                                         | HMV62                             |
| 280            | AOH3060                                   | 145 | 153                           | 26 | G ¼ | 9   | 15 | Tr 320x5                               | 14,4 | HM3064                                       | HMV64                             |
| 280            | AOH2260G                                  | 170 | 178                           | 26 | G ¼ | 9   | 15 | Tr 320x5                               | 17,5 | HM3164                                       | HMV64                             |
| 280            | AOH24060G                                 | 184 | 202                           | 24 | G ½ | 6,5 | 12 | Tr 320x5                               | 16,4 | HM3164                                       | HMV64                             |
| 280            | AOH3160G                                  | 192 | 200                           | 30 | G ¼ | 9   | 15 | Tr 320x5                               | 20,4 | HM3164                                       | HMV64                             |
| 280            | AOH24160                                  | 224 | 242                           | 24 | G ¼ | 9   | 15 | Tr 320x5                               | 20,2 | HM3164                                       | HMV64                             |
| 280            | AOH3260G                                  | 228 | 236                           | 34 | G ¼ | 9   | 15 | Tr 320x5                               | 23,4 | HM3164                                       | HMV64                             |
| 300            | AOH3964                                   | 112 | 119                           | 21 | M 8 | 7,5 | 12 | Tr 330x5                               | 10,8 | HM66                                         | HMV66                             |

<sup>(1)</sup> La dimensión L<sub>1</sub> disminuye cuando el manguito de desmontaje hidráulico es introducido durante el montaje.

<sup>(2)</sup> Tr significa 30°. La rosca trapecoidal y los dígitos están fuera del diámetro de la rosca y del diámetro primitivo.

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Continúa de la página anterior.

| d <sub>1</sub> | Manguito de<br>desmontaje<br>Número de parte | L   | L <sub>1</sub> <sup>(1)</sup> | b  | Ro  | e   | t  | Rosca <sup>(2)</sup><br>D <sub>1</sub> | Peso | Núm. de tuerca<br>de desmontaje<br>correspondiente | Tuerca hidráulica<br>correspondiente |
|----------------|----------------------------------------------|-----|-------------------------------|----|-----|-----|----|----------------------------------------|------|----------------------------------------------------|--------------------------------------|
| mm             |                                              | mm  | mm                            | mm |     | mm  | mm | mm                                     | kg   |                                                    |                                      |
| 300            | A0H3064G                                     | 149 | 157                           | 27 | G ¼ | 9   | 15 | Tr 340x5                               | 15,6 | HM3068                                             | HMV68                                |
| 300            | A0H2264G                                     | 180 | 190                           | 27 | G ¼ | 9   | 15 | Tr 340x5                               | 19,7 | HM3168                                             | HMV68                                |
| 300            | A0H24064G                                    | 184 | 202                           | 24 | G ⅝ | 6,5 | 12 | Tr 340x5                               | 17,5 | HM3168                                             | HMV68                                |
| 300            | A0H3164G                                     | 209 | 217                           | 31 | G ¼ | 9   | 15 | Tr 340x5                               | 23,6 | HM3168                                             | HMV68                                |
| 300            | A0H24164                                     | 242 | 260                           | 24 | G ¼ | 9   | 15 | Tr 340x5                               | 21,4 | HM3168                                             | HMV68                                |
| 300            | A0H3264G                                     | 246 | 254                           | 36 | G ¼ | 9   | 15 | Tr 340x5                               | 28,9 | HM3168                                             | HMV68                                |
| 320            | A0H3968                                      | 112 | 119                           | 21 | M 8 | 7,5 | 12 | Tr 360x5                               | 12,4 | HML72                                              | HMV72                                |
| 320            | A0H3068G                                     | 162 | 171                           | 28 | G ¼ | 9   | 15 | Tr 360x5                               | 18,6 | HM3072                                             | HMV72                                |
| 320            | A0H24068                                     | 206 | 225                           | 26 | G ¼ | 9   | 15 | Tr 360x5                               | 21,7 | HM3172                                             | HMV72                                |
| 320            | A0H3168G                                     | 225 | 234                           | 33 | G ¼ | 9   | 15 | Tr 360x5                               | 27,6 | HM3172                                             | HMV72                                |
| 320            | A0H3268G                                     | 264 | 273                           | 38 | G ¼ | 9   | 15 | Tr 360x5                               | 31,9 | HM3172                                             | HMV72                                |
| 320            | A0H24168                                     | 269 | 288                           | 26 | G ¼ | 9   | 15 | Tr 360x5                               | 27,1 | HM3172                                             | HMV72                                |
| 340            | A0H3972                                      | 112 | 119                           | 21 | M 8 | 7,5 | 12 | Tr 380x5                               | 13,1 | HML76                                              | HMV76                                |
| 340            | A0H3072G                                     | 167 | 176                           | 30 | G ¼ | 9   | 15 | Tr 380x5                               | 20,4 | HM3076                                             | HMV76                                |
| 340            | A0H24072                                     | 206 | 226                           | 26 | G ¼ | 9   | 15 | Tr 380x5                               | 22,7 | HM3176                                             | HMV76                                |
| 340            | A0H3172G                                     | 229 | 238                           | 35 | G ¼ | 9   | 15 | Tr 380x5                               | 30,6 | HM3176                                             | HMV76                                |
| 340            | A0H24172                                     | 269 | 289                           | 26 | G ¼ | 9   | 15 | Tr 380x5                               | 30,0 | HM3176                                             | HMV76                                |
| 340            | A0H3272G                                     | 274 | 283                           | 40 | G ¼ | 9   | 15 | Tr 380x5                               | 35,4 | HM3176                                             | HMV76                                |
| 360            | A0H3976                                      | 130 | 138                           | 22 | M 8 | 7,5 | 12 | Tr 400x5                               | 15,9 | HML80                                              | HMV80                                |
| 360            | A0H3076G                                     | 170 | 180                           | 31 | G ¼ | 9   | 15 | Tr 400x5                               | 22,7 | HM3080                                             | HMV80                                |
| 360            | A0H24076                                     | 208 | 228                           | 28 | G ¼ | 9   | 15 | Tr 400x5                               | 23,7 | HM3180                                             | HMV80                                |
| 360            | A0H3176G                                     | 232 | 242                           | 36 | G ¼ | 9   | 15 | Tr 400x5                               | 32,9 | HM3180                                             | HMV80                                |
| 360            | A0H24176                                     | 271 | 291                           | 28 | G ¼ | 9   | 15 | Tr 400x5                               | 31,3 | HM3180                                             | HMV80                                |
| 360            | A0H3276G                                     | 284 | 294                           | 42 | G ¼ | 9   | 15 | Tr 400x5                               | 42,1 | HM3180                                             | HMV80                                |
| 380            | A0H3980                                      | 130 | 138                           | 22 | M 8 | 7,5 | 12 | Tr 420x5                               | 17,2 | HML84                                              | HMV84                                |
| 380            | A0H3080G                                     | 183 | 193                           | 33 | G ¼ | 9   | 15 | Tr 420x5                               | 26,1 | HM3084                                             | HMV84                                |
| 380            | A0H24080                                     | 228 | 248                           | 28 | G ¼ | 9   | 15 | Tr 420x5                               | 27,1 | HM3184                                             | HMV84                                |
| 380            | A0H3180G                                     | 240 | 250                           | 38 | G ¼ | 9   | 15 | Tr 420x5                               | 36,1 | HM3184                                             | HMV84                                |
| 380            | A0H24180                                     | 278 | 298                           | 28 | G ¼ | 9   | 15 | Tr 420x5                               | 35,0 | HM3184                                             | HMV84                                |
| 380            | A0H3280G                                     | 302 | 312                           | 44 | G ¼ | 9   | 15 | Tr 420x5                               | 48,0 | HM3184                                             | HMV84                                |
| 400            | A0H3984                                      | 130 | 138                           | 22 | M 8 | 7,5 | 12 | Tr 440x5                               | 18,1 | HML88                                              | HMV88                                |
| 400            | A0H3084G                                     | 186 | 196                           | 34 | G ¼ | 9   | 15 | Tr 440x5                               | 27,3 | HM3088                                             | HMV88                                |
| 400            | A0H24084                                     | 230 | 252                           | 30 | G ¼ | 9   | 15 | Tr 440x5                               | 29,0 | HM3188                                             | HMV88                                |
| 400            | A0H3184G                                     | 266 | 276                           | 40 | G ¼ | 9   | 15 | Tr 440x5                               | 42,3 | HM3188                                             | HMV88                                |

<sup>(1)</sup> La dimensión L<sub>1</sub> disminuye cuando el manguito de desmontaje hidráulico es introducido durante el montaje.

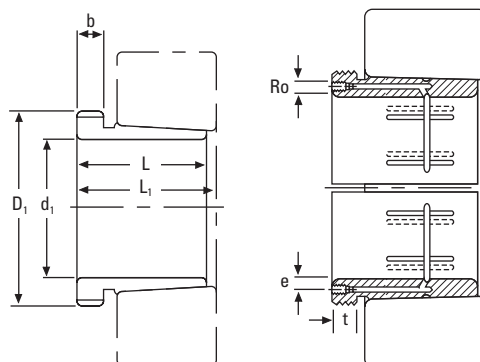
<sup>(2)</sup> Tr significa 30°. La rosca trapecoidal y los dígitos están fuera del diámetro de la rosca y del diámetro primitivo.

Continúa en la página siguiente.

## MANGUITOS DE DESMONTAJE HIDRÁULICO AOH (continuación)

- Mangos que se utilizan para desmontar un rodamiento de diámetro interior cónico del eje.
- La asistencia hidráulica facilita el desmontaje de rodamientos de gran tamaño. Bomba de aceite necesaria para inyectar aceite presurizado.
- Puede haber otras dimensiones disponibles, consulte con su ingeniero de ventas de Timken.

Continúa de la página anterior.



| d <sub>1</sub> | Manguito de desmontaje<br>Número de parte | L   | L <sub>1</sub> <sup>(1)</sup> | b  | Ro   | e    | t  | Rosca <sup>(2)</sup><br>D <sub>1</sub> | Peso  | Núm. de tuerca de desmontaje correspondiente | Tuerca hidráulica correspondiente |
|----------------|-------------------------------------------|-----|-------------------------------|----|------|------|----|----------------------------------------|-------|----------------------------------------------|-----------------------------------|
| mm             |                                           | mm  | mm                            | mm |      | mm   | mm | mm                                     | kg    |                                              |                                   |
| 400            | AOH24184                                  | 310 | 332                           | 30 | G ¼  | 9    | 15 | Tr 440x5                               | 40,3  | HM3188                                       | HMV88                             |
| 400            | AOH3284G                                  | 321 | 331                           | 46 | G ¼  | 9    | 15 | Tr 440x5                               | 54,0  | HM3188                                       | HMV88                             |
| 420            | AOH3988                                   | 145 | 153                           | 25 | Rc ½ | 8,5  | 14 | Tr 460x5                               | 21,5  | HML92                                        | HMV92                             |
| 420            | AOHX3088G                                 | 194 | 205                           | 35 | G ¼  | 9    | 15 | Tr 460x5                               | 31,0  | HM3092                                       | HMV92                             |
| 420            | AOHX3188G                                 | 270 | 281                           | 42 | G ¼  | 9    | 15 | Tr 460x5                               | 46,0  | HM3192                                       | HMV92                             |
| 420            | AOHX3288                                  | 330 | 341                           | 48 | G ¼  | 14,5 | 15 | Tr 480x5                               | 63,8  | HM3196                                       | HMV96                             |
| 420            | AOHX3288G                                 | 330 | 341                           | 48 | G ¼  | 9    | 15 | Tr 460x5                               | 64,5  | HM3192                                       | HMV92                             |
| 440            | AOH3992                                   | 145 | 153                           | 25 | Rc ½ | 8,5  | 14 | Tr 480x5                               | 22,5  | HML96                                        | HMV96                             |
| 440            | AOHX3092G                                 | 202 | 213                           | 37 | G ¼  | 9    | 15 | Tr 480x5                               | 34,0  | HM3096                                       | HMV96                             |
| 440            | AOH24092                                  | 250 | 273                           | 32 | G ¼  | 9    | 15 | Tr 480x5                               | 34,7  | HM3196                                       | HMV96                             |
| 440            | AOHX3192G                                 | 285 | 296                           | 43 | G ¼  | 9    | 15 | Tr 480x5                               | 51,5  | HM3196                                       | HMV96                             |
| 440            | AOH24192                                  | 332 | 355                           | 32 | G ¼  | 9    | 15 | Tr 480x5                               | 47,4  | HM3196                                       | HMV96                             |
| 440            | AOHX3292                                  | 349 | 360                           | 50 | G ¼  | 15   | 15 | Tr 510x6                               | 74,8  | HM102T                                       | HMV102                            |
| 440            | AOHX3292G                                 | 349 | 360                           | 50 | G ¼  | 9    | 15 | Tr 480x5                               | 80,0  | HM3196                                       | HMV96                             |
| 460            | AOH3996                                   | 158 | 167                           | 28 | Rc ½ | 8,5  | 14 | Tr 500x5                               | 26,0  | HML100                                       | HMV100                            |
| 460            | AOHX3096G                                 | 205 | 217                           | 38 | G ¼  | 9    | 15 | Tr 500x5                               | 34,0  | HM30/500                                     | HMV100                            |
| 460            | AOH24096                                  | 250 | 273                           | 32 | G ¼  | 9    | 15 | Tr 500x5                               | 36,3  | HM31/500                                     | HMV100                            |
| 460            | AOHX3196G                                 | 295 | 307                           | 45 | G ¼  | 9    | 15 | Tr 500x5                               | 63,0  | HM31/500                                     | HMV100                            |
| 460            | AOH24196                                  | 340 | 363                           | 32 | G ¼  | 9    | 15 | Tr 500x5                               | 53,7  | HM31/500                                     | HMV100                            |
| 460            | AOHX3296                                  | 364 | 376                           | 52 | G ¼  | 15,5 | 15 | Tr 530x6                               | 82,1  | HM31/530                                     | HMV106                            |
| 460            | AOHX3296G                                 | 364 | 376                           | 52 | G ¼  | 9    | 15 | Tr 500x5                               | 81,0  | HM31/500                                     | HMV100                            |
| 480            | AOH39/500                                 | 162 | 172                           | 32 | Rc ½ | 8,5  | 14 | Tr 530x6                               | 30,1  | HML106                                       | HMV106                            |
| 480            | AOHX30/500G                               | 209 | 221                           | 40 | G ¼  | 9    | 15 | Tr 530x6                               | 41,0  | HM30/530                                     | HMV106                            |
| 480            | AOHX31/500G                               | 313 | 325                           | 47 | G ¼  | 9    | 15 | Tr 530x6                               | 66,5  | HM31/530                                     | HMV106                            |
| 480            | AOH241/500                                | 360 | 383                           | 35 | G ¼  | 9    | 15 | Tr 530x6                               | 59,6  | HM31/530                                     | HMV106                            |
| 480            | AOHX32/500                                | 393 | 405                           | 54 | G ¼  | 16,5 | 15 | Tr 550x6                               | 94,6  | HM110T                                       | HMV110                            |
| 480            | AOHX32/500G                               | 393 | 405                           | 54 | G ¼  | 9    | 15 | Tr 530x6                               | 89,5  | HM31/530                                     | HMV106                            |
| 500            | AOH30/530                                 | 230 | 242                           | 45 | G ¼  | 10   | 15 | Tr 560x6                               | 63,5  | HM30/560                                     | HMV112                            |
| 500            | AOH240/530G                               | 285 | 309                           | 35 | G ¼  | 9    | 15 | Tr 560x6                               | 64,5  | HM31/560                                     | HMV112                            |
| 500            | AOH31/530                                 | 325 | 337                           | 53 | G ¼  | 10   | 15 | Tr 560x6                               | 93,5  | HM31/560                                     | HMV112                            |
| 500            | AOH241/530G                               | 370 | 394                           | 35 | G ¼  | 9    | 15 | Tr 560x6                               | 92,0  | HM31/560                                     | HMV112                            |
| 500            | AOH32/530G                                | 412 | 424                           | 57 | G ¼  | 10   | 15 | Tr 560x6                               | 127,0 | HM31/560                                     | HMV113                            |
| 530            | AOH31/560                                 | 335 | 347                           | 55 | G ¼  | 11   | 15 | Tr 600x6                               | 107,0 | HM31/600                                     | HMV120                            |
| 530            | AOH241/560G                               | 393 | 417                           | 38 | G ¼  | 9    | 15 | Tr 600x6                               | 107,0 | HM31/600                                     | HMV120                            |

<sup>(1)</sup> La dimensión L<sub>1</sub> disminuye cuando el manguito de desmontaje hidráulico es introducido durante el montaje.

<sup>(2)</sup> Tr significa 30°. La rosca trapecoidal y los dígitos están fuera del diámetro de la rosca y del diámetro primitivo.

Continúa en la página siguiente.

Continúa de la página anterior.

| d <sub>1</sub> | Manguito de<br>desmontaje<br>Número de parte | L   | L <sub>1</sub> <sup>(1)</sup> | b  | Ro  | e  | t  | Rosca <sup>(2)</sup><br>D <sub>1</sub> | Peso  | Núm. de tuerca<br>de desmontaje<br>correspondiente | Tuerca hidráulica<br>correspondiente |
|----------------|----------------------------------------------|-----|-------------------------------|----|-----|----|----|----------------------------------------|-------|----------------------------------------------------|--------------------------------------|
| mm             |                                              | mm  | mm                            | mm |     | mm | mm | mm                                     | kg    |                                                    |                                      |
| 560            | AOH30/600                                    | 245 | 259                           | 45 | G ¼ | 11 | 15 | Tr 630x6                               | 77,0  | HM30/630                                           | HMV126                               |
| 560            | AOH31/600                                    | 355 | 369                           | 55 | G ¼ | 11 | 15 | Tr 630x6                               | 120,0 | HM31/630                                           | HMV126                               |
| 560            | AOH241/600                                   | 413 | 439                           | 38 | G ¼ | 9  | 15 | Tr 630x6                               | 120,0 | HM31/630                                           | HMV126                               |
| 560            | AOH32/600G                                   | 445 | 459                           | 55 | G ¼ | 11 | 15 | Tr 630x6                               | 159,0 | HM31/630                                           | HMV126                               |
| 600            | AOH30/630                                    | 258 | 272                           | 45 | G ¼ | 11 | 15 | Tr 670x6                               | 88,5  | HM30/670                                           | HMV134                               |
| 600            | AOH31/630                                    | 375 | 389                           | 60 | G ¼ | 11 | 15 | Tr 670x6                               | 139,0 | HM31/670                                           | HMV134                               |
| 600            | AOH241/630G                                  | 440 | 466                           | 40 | G ¼ | 9  | 15 | Tr 670x6                               | 139,0 | HM31/670                                           | HMV134                               |
| 600            | AOH32/630G                                   | 475 | 489                           | 63 | G ¼ | 11 | 15 | Tr 670x6                               | 188,0 | HM31/670                                           | HMV134                               |
| 630            | AOH30/670                                    | 280 | 294                           | 50 | G ¼ | 12 | 15 | Tr 710x7                               | 125,0 | HM30/710                                           | HMV142                               |
| 630            | AOH241/670                                   | 452 | 478                           | 40 | G ¼ | 12 | 15 | Tr 710x7                               | 180,0 | HM31/710                                           | HMV142                               |
| 630            | AOH32/670G                                   | 500 | 514                           | 62 | G ¼ | 12 | 15 | Tr 710x7                               | 252,0 | HM31/710                                           | HMV142                               |
| 670            | AOH32/710G                                   | 515 | 531                           | 65 | G ¼ | 15 | 15 | Tr 750x7                               | 278,0 | HM31/750                                           | HMV150                               |
| 710            | AOH30/750                                    | 300 | 316                           | 50 | G ¼ | 15 | 15 | Tr 800x7                               | 145,0 | HM30/800                                           | HMV160                               |
| 710            | AOH31/750                                    | 425 | 441                           | 60 | G ¼ | 15 | 15 | Tr 800x7                               | 238,0 | HM31/800                                           | HMV160                               |
| 710            | AOH32/750                                    | 540 | 556                           | 65 | G ¼ | 15 | 15 | Tr 800x7                               | 320,0 | HM31/800                                           | HMV160                               |
| 750            | AOH30/800                                    | 308 | 326                           | 50 | G ¼ | 15 | 15 | Tr 850x7                               | 204,0 | HM30/850                                           | HMV170                               |
| 750            | AOH31/800                                    | 438 | 456                           | 63 | G ¼ | 15 | 15 | Tr 850x7                               | 305,0 | HM31/850                                           | HMV170                               |
| 750            | AOH32/800G                                   | 550 | 568                           | 67 | G ¼ | 15 | 15 | Tr 850x7                               | 401,0 | HM31/850                                           | HMV170                               |
| 800            | AOH30/850                                    | 325 | 343                           | 53 | G ¼ | 15 | 15 | Tr 900x7                               | 230,0 | HM30/900                                           | HMV180                               |
| 800            | AOH31/850                                    | 462 | 480                           | 62 | G ¼ | 15 | 15 | Tr 900x7                               | 345,0 | HM31/900                                           | HMV180                               |
| 800            | AOH32/850                                    | 585 | 603                           | 70 | G ¼ | 15 | 15 | Tr 900x7                               | 461,0 | HM31/900                                           | HMV180                               |
| 850            | AOH30/900                                    | 335 | 355                           | 55 | G ¼ | 15 | 15 | Tr 950x8                               | 250,0 | HM30/950                                           | HMV190                               |
| 850            | AOH240/900                                   | 430 | 475                           | 55 | G ¼ | 15 | 15 | Tr 950x8                               | 296,0 | HM31/950                                           | HMV190                               |
| 850            | AOH31/900                                    | 475 | 495                           | 63 | G ¼ | 15 | 15 | Tr 950x8                               | 379,0 | HM31/950                                           | HMV190                               |
| 850            | AOH32/900                                    | 585 | 605                           | 70 | G ¼ | 15 | 15 | Tr 950x8                               | 489,0 | HM31/950                                           | HMV190                               |
| 900            | AOH30/950                                    | 355 | 375                           | 55 | G ¼ | 15 | 15 | Tr 1000x8                              | 285,0 | HM30/1000                                          | HMV200                               |
| 900            | AOH31/950                                    | 500 | 520                           | 62 | G ¼ | 15 | 15 | Tr 1000x8                              | 426,0 | HM31/1000                                          | HMV200                               |
| 900            | AOH32/950                                    | 600 | 620                           | 70 | G ¼ | 15 | 15 | Tr 1000x8                              | 533,0 | HM31/1000                                          | HMV200                               |
| 950            | AOH30/1000                                   | 365 | 387                           | 57 | G ¼ | 15 | 15 | Tr 1060x8                              | 318,0 | HM30/1060                                          | HMV212                               |
| 950            | AOH31/1000                                   | 525 | 547                           | 63 | G ¼ | 15 | 15 | Tr 1060x8                              | 485,0 | HM31/1060                                          | HMV212                               |
| 950            | AOH32/1000                                   | 630 | 652                           | 70 | G ¼ | 15 | 15 | Tr 1060x8                              | 608,0 | HM31/1060                                          | HMV212                               |
| 950            | AOH241/1000                                  | 645 | 695                           | 65 | G ¼ | 15 | 15 | Tr 1060x8                              | 519,0 | HM31/1060                                          | HMV212                               |
| 1000           | AOH30/1060                                   | 385 | 407                           | 60 | G ¼ | 15 | 15 | Tr 1120x8                              | 406,0 | HM30/1120                                          | HMV224                               |
| 1000           | AOH31/1060                                   | 540 | 562                           | 65 | G ¼ | 15 | 15 | Tr 1120x8                              | 599,0 | HM31/1120                                          | HMV224                               |
| 1000           | AOH241/1060                                  | 665 | 715                           | 65 | G ¼ | 15 | 15 | Tr 1120x8                              | 652,0 | HM31/1120                                          | HMV224                               |

<sup>(1)</sup> La dimensión L<sub>1</sub> disminuye cuando el manguito de desmontaje hidráulico es introducido durante el montaje.

<sup>(2)</sup> Tr significa 30°. La rosca trapezoidal y los dígitos están fuera del diámetro de la rosca y del diámetro primitivo.