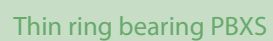


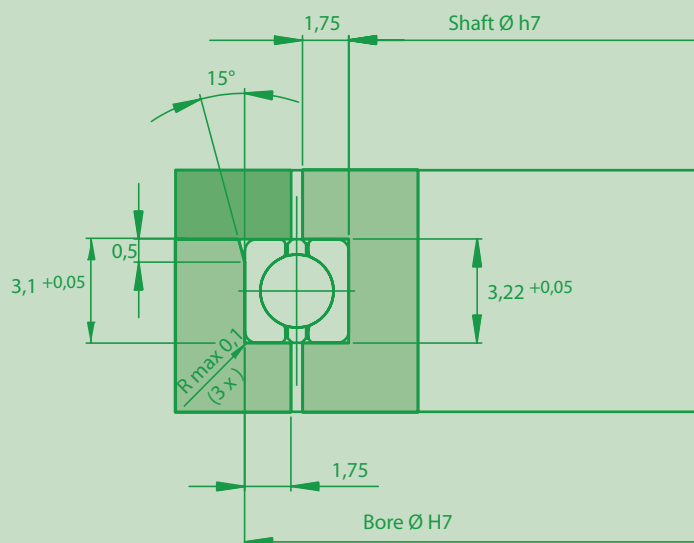
## A 3D rendering of a circular, thin, white ring with a green, textured inner band, set against a green background. The ring is shown from a perspective view, casting a shadow on the surface below it. The green band has a series of small, white, circular indentations or holes along its length.



# SLIM-SPLIT-BEARING

# four point contact bearing

Fitted dimensions



Bearing dimensions

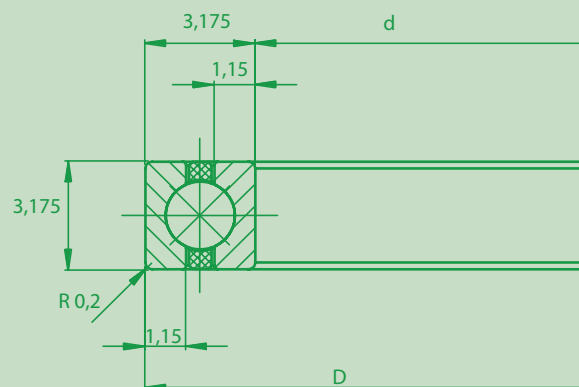


Table of dimensions (Type series PBXS)

| KMF-type <sup>1)</sup> | Bearing dimension |     |        | Basic load ratings |                 |                |                 | Mass                                       | Limiting speeds |
|------------------------|-------------------|-----|--------|--------------------|-----------------|----------------|-----------------|--------------------------------------------|-----------------|
|                        |                   |     |        | Axial              |                 | Radial         |                 |                                            |                 |
|                        | d                 |     | D      | Dyn.               | Stat.           | Dyn.           | Stat.           |                                            |                 |
|                        |                   |     |        | C <sub>a</sub>     | C <sub>oa</sub> | C <sub>r</sub> | C <sub>or</sub> |                                            |                 |
| mm                     | inch              | mm  | kN     | kN                 | kN              | kN             | kg              | n <sub>G grease</sub><br>min <sup>-1</sup> |                 |
| PBXS 015               | 38,10             | 1½  | 44,45  | 1,23               | 4,0             | 1,12           | 1,61            | 0,007                                      | 4010            |
| PBXS 020               | 50,80             | 2   | 57,15  | 1,36               | 5,3             | 1,23           | 2,12            | 0,010                                      | 3010            |
| PBXS 025               | 63,50             | 2 ½ | 69,85  | 1,47               | 6,6             | 1,33           | 2,60            | 0,013                                      | 2400            |
| PBXS 030               | 76,20             | 3   | 82,55  | 1,58               | 7,9             | 1,43           | 3,15            | 0,015                                      | 2000            |
| PBXS 035               | 88,90             | 3 ½ | 95,25  | 1,67               | 9,2             | 1,51           | 3,70            | 0,017                                      | 1720            |
| PBXS 040               | 101,60            | 4   | 107,95 | 1,75               | 10,5            | 1,58           | 4,20            | 0,020                                      | 1500            |
| PBXS 042               | 107,95            | 4 ¼ | 114,30 | 1,79               | 11,2            | 1,59           | 4,48            | 0,021                                      | 1410            |
| PBXS 045               | 114,30            | 4 ½ | 120,65 | 1,83               | 11,8            | 1,65           | 4,75            | 0,022                                      | 1340            |
| PBXS 047               | 120,65            | 4 ¾ | 127,35 | 1,87               | 12,5            | 1,68           | 4,98            | 0,023                                      | 1270            |
| PBXS 050               | 127,00            | 5   | 133,35 | 1,90               | 13,1            | 1,71           | 5,20            | 0,025                                      | 1200            |
| PBXS 055               | 139,70            | 5 ½ | 146,05 | 1,96               | 14,4            | 1,77           | 5,80            | 0,057                                      | 1090            |
| PBXS 060               | 152,40            | 6   | 158,75 | 2,02               | 15,7            | 1,82           | 6,30            | 0,030                                      | 1000            |
| PBXS 065               | 165,10            | 6 ½ | 171,45 | 2,08               | 17,0            | 1,88           | 6,80            | 0,032                                      | 920             |
| PBXS 070               | 177,80            | 7   | 184,15 | 2,14               | 18,3            | 1,93           | 7,30            | 0,035                                      | 860             |
| PBXS 075               | 190,50            | 7 ½ | 196,85 | 2,19               | 19,6            | 1,98           | 7,80            | 0,037                                      | 800             |
| PBXS 080               | 203,20            | 8   | 209,55 | 2,25               | 20,9            | 2,03           | 8,40            | 0,040                                      | 750             |
| PBXS 085               | 215,90            | 8 ½ | 222,25 | 2,30               | 22,2            | 2,07           | 8,90            | 0,042                                      | 710             |
| PBXS 090               | 228,60            | 9   | 234,95 | 2,34               | 23,5            | 2,11           | 9,40            | 0,045                                      | 670             |



| KMF-type <sup>1)</sup> | Bearing dimension |      |        | Basic load ratings |                 |                |                 | Mass              | Limiting speeds |
|------------------------|-------------------|------|--------|--------------------|-----------------|----------------|-----------------|-------------------|-----------------|
|                        |                   |      |        | Axial              |                 | Radial         |                 |                   |                 |
|                        | d                 |      | D      | Dyn.               | Stat.           | Dyn.           | Stat.           |                   |                 |
|                        |                   |      |        | C <sub>a</sub>     | C <sub>oa</sub> | C <sub>r</sub> | C <sub>or</sub> |                   |                 |
| mm                     | inch              | mm   | kN     | kN                 | kN              | kN             | kg              | min <sup>-1</sup> |                 |
| PBXS 095               | 241,30            | 9 ½  | 247,65 | 2,39               | 24,8            | 2,16           | 9,90            | 0,047             | 630             |
| PBXS 100               | 254,00            | 10   | 260,35 | 2,44               | 26,0            | 2,20           | 10,40           | 0,050             | 600             |
| PBXS 105               | 266,70            | 10 ½ | 273,05 | 2,48               | 27,5            | 2,24           | 11,00           | 0,052             | 570             |
| PBXS 110               | 279,40            | 11   | 285,75 | 2,50               | 28,5            | 2,27           | 11,50           | 0,055             | 550             |
| PBXS 115               | 292,10            | 11 ½ | 298,45 | 2,55               | 30,0            | 2,31           | 12,00           | 0,057             | 520             |
| PBXS 120               | 304,80            | 12   | 311,15 | 2,60               | 31,5            | 2,35           | 12,50           | 0,060             | 500             |
| PBXS 125               | 317,50            | 12 ½ | 323,85 | 2,65               | 32,5            | 2,38           | 13,00           | 0,062             | 480             |
| PBXS 130               | 330,20            | 13   | 336,55 | 2,70               | 34,0            | 2,42           | 13,60           | 0,065             | 460             |
| PBXS 135               | 342,90            | 13 ½ | 349,25 | 2,70               | 35,0            | 2,45           | 14,10           | 0,067             | 450             |
| PBXS 140               | 355,60            | 14   | 361,95 | 2,75               | 36,5            | 2,48           | 14,60           | 0,070             | 430             |
| PBXS 145               | 368,30            | 14 ½ | 374,65 | 2,80               | 38,0            | 2,50           | 15,10           | 0,072             | 410             |
| PBXS 150               | 381,00            | 15   | 387,35 | 2,80               | 39,0            | 2,55           | 15,70           | 0,075             | 400             |
| PBXS 155               | 393,70            | 15 ½ | 400,05 | 2,85               | 40,5            | 2,60           | 16,20           | 0,077             | 390             |
| PBXS 160               | 406,40            | 16   | 412,75 | 2,90               | 41,5            | 2,60           | 16,70           | 0,080             | 380             |
| PBXS 165               | 419,10            | 16 ½ | 425,45 | 2,90               | 43,0            | 2,65           | 17,20           | 0,082             | 360             |
| PBXS 170               | 431,80            | 17   | 438,15 | 2,95               | 44,5            | 2,65           | 17,70           | 0,085             | 350             |
| PBXS 175               | 444,50            | 17 ½ | 450,85 | 3,00               | 45,5            | 2,70           | 18,20           | 0,087             | 340             |
| PBXS 180               | 457,20            | 18   | 463,55 | 3,00               | 47,0            | 2,70           | 18,20           | 0,090             | 330             |
| PBXS 185               | 469,90            | 18 ½ | 476,25 | 3,05               | 48,0            | 2,75           | 19,30           | 0,092             | 320             |
| PBXS 190               | 482,60            | 19   | 488,95 | 3,10               | 49,5            | 2,75           | 19,80           | 0,095             | 320             |
| PBXS 195               | 495,30            | 19 ½ | 501,65 | 3,10               | 51,0            | 2,80           | 20,30           | 0,097             | 310             |
| PBXS 200               | 508,00            | 20   | 514,35 | 3,15               | 52,0            | 2,85           | 20,90           | 0,100             | 300             |
| PBXS 210               | 533,40            | 21   | 539,75 | 3,20               | 55,0            | 2,90           | 21,90           | 0,105             | 290             |
| PBXS 220               | 558,80            | 22   | 565,15 | 3,25               | 57,0            | 2,95           | 22,90           | 0,110             | 270             |
| PBXS 230               | 584,20            | 23   | 590,55 | 3,30               | 60,0            | 3,00           | 24,00           | 0,115             | 260             |
| PBXS 240               | 609,60            | 24   | 615,95 | 3,35               | 63,0            | 3,00           | 25,00           | 0,120             | 250             |
| PBXS 250               | 635,00            | 25   | 641,35 | 3,40               | 65,0            | 3,05           | 26,00           | 0,125             | 240             |
| PBXS 260               | 660,40            | 26   | 666,75 | 3,45               | 68,0            | 3,10           | 27,00           | 0,130             | 230             |
| PBXS 270               | 685,80            | 27   | 692,15 | 3,50               | 70,0            | 3,15           | 28,00           | 0,135             | 220             |
| PBXS 280               | 711,20            | 28   | 717,55 | 3,55               | 73,0            | 3,20           | 29,00           | 0,140             | 210             |
| PBXS 290               | 736,60            | 29   | 742,95 | 3,60               | 76,0            | 3,25           | 30,00           | 0,145             | 210             |
| PBXS 300               | 762,00            | 30   | 768,35 | 3,65               | 78,0            | 3,30           | 31,50           | 0,150             | 200             |

1) Other dimensions on request