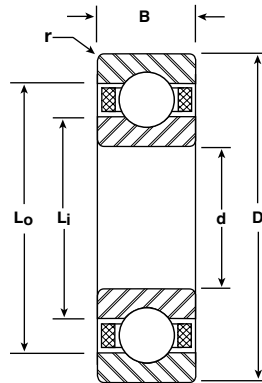




Metric Series

Radial

Bore Sizes 140-200 mm



| BASIC P/N | BORE d | | O.D. D | | WIDTH B | | LAND DIAMETER (REFERENCE) | | FILLET RADIUS r | BALL COMPLEMENT | | LOAD RATINGS LBS | |
|-----------|--------|--------|--------|---------|---------|--------|---------------------------|----------------|-----------------|-----------------|--------|------------------|-----------------------|
| | mm | INCH | mm | INCH | mm | INCH | L _i | L _o | | NO. | SIZE | DYN. C | STATIC C _o |
| | | | | | | | INCH | INCH | INCH | | | | |
| R-1828 | 140 | 5.5118 | 175 | 6.8898 | 18 | .7087 | 5.956 | 6.445 | .043 | 26 | 13/32 | 8500 | 9800 |
| R-1928 | 140 | 5.5118 | 190 | 7.4803 | 24 | .9449 | 5.923 | 6.675 | .059 | 18 | 5/8 | 16000 | 16500 |
| R-128 | 140 | 5.5118 | 210 | 8.2677 | 33 | 1.2992 | 6.363 | 7.416 | .079 | 14 | 7/8 | 26000 | 24300 |
| R-228 | 140 | 5.5118 | 250 | 9.8425 | 42 | 1.6535 | 6.887 | 8.467 | .098 | 10 | 1-5/16 | 44600 | 36600 |
| R-1830 | 150 | 5.9055 | 190 | 7.4803 | 20 | .7874 | 6.430 | 6.956 | .043 | 26 | 7/16 | 9700 | 11400 |
| R-1930 | 150 | 5.9055 | 210 | 8.2677 | 28 | 1.1024 | 6.635 | 7.538 | .079 | 16 | 3/4 | 20900 | 21000 |
| R-130 | 150 | 5.9055 | 225 | 8.8583 | 35 | 1.3780 | 6.855 | 7.908 | .083 | 15 | 7/8 | 26900 | 36400 |
| R-1832 | 160 | 6.2992 | 200 | 7.8740 | 20 | .7874 | 6.823 | 7.350 | .043 | 28 | 7/16 | 10000 | 12200 |
| R-1932 | 160 | 6.2992 | 220 | 8.6614 | 28 | 1.1024 | 7.029 | 7.932 | .079 | 17 | 3/4 | 21500 | 22500 |
| R-132 | 160 | 6.2992 | 240 | 9.4488 | 38 | 1.4961 | 7.272 | 8.476 | .083 | 14 | 1 | 33100 | 31800 |
| R-1834 | 170 | 6.6929 | 215 | 8.4646 | 22 | .8661 | 7.278 | 7.880 | .043 | 26 | 1/2 | 12400 | 14900 |
| R-1934 | 170 | 6.6929 | 230 | 9.0551 | 28 | 1.1024 | 7.423 | 8.325 | .079 | 18 | 3/4 | 22000 | 24000 |
| R-134 | 170 | 6.6929 | 260 | 10.2360 | 42 | 1.6535 | 7.788 | 9.141 | .083 | 13 | 1-1/8 | 39200 | 37000 |
| R-1836 | 180 | 7.0866 | 225 | 8.8583 | 22 | .8661 | 7.672 | 8.273 | .043 | 28 | 1/2 | 12800 | 16000 |
| R-1936 | 180 | 7.0866 | 250 | 9.8425 | 33 | 1.2992 | 7.938 | 8.991 | .079 | 17 | 7/8 | 28700 | 30500 |
| R-136 | 180 | 7.0866 | 280 | 11.0240 | 46 | 1.8110 | 8.378 | 9.732 | .083 | 14 | 1-1/8 | 40800 | 40400 |
| R-1838 | 190 | 7.4803 | 240 | 9.4488 | 24 | .9449 | 8.126 | 8.803 | .059 | 26 | 9/16 | 15400 | 18900 |
| R-1938 | 190 | 7.4803 | 260 | 10.2360 | 33 | 1.2992 | 8.332 | 9.385 | .079 | 17 | 7/8 | 28300 | 30700 |
| R-138 | 190 | 7.4803 | 290 | 11.4173 | 46 | 1.8110 | 8.734 | 10.163 | .083 | 14 | 1-3/16 | 45500 | 44400 |
| R-1840 | 200 | 7.8740 | 250 | 9.8425 | 24 | .9449 | 8.520 | 9.197 | .059 | 27 | 9/16 | 15600 | 19500 |
| R-1940 | 200 | 7.8740 | 280 | 11.0240 | 38 | 1.4961 | 8.847 | 10.050 | .083 | 16 | 1 | 35200 | 37400 |

Notes:

1. Metric series radial ball bearings are typically manufactured from 52100 chrome steel to ABEC 3, 5 and 7 tolerances per ABMA Standard 20.
2. Fillet Radius (r) is the maximum shaft or housing fillet radius that bearing corners will clear.