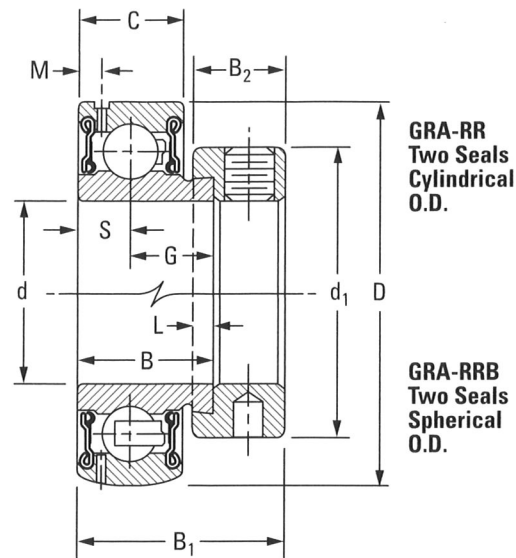




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| Bearing No.      |                | Collar No. | Basic Outer-Ring Size | Shaft Dia.<br>d | O.D.<br>D     | Ring Widths |            |           |           |           |                |                |           |                |           | Brg. and Collar Wt. | Static Load Rating<br>C <sub>0</sub> | Extended Dynamic Load Rating<br>C <sub>E</sub> |
|------------------|----------------|------------|-----------------------|-----------------|---------------|-------------|------------|-----------|-----------|-----------|----------------|----------------|-----------|----------------|-----------|---------------------|--------------------------------------|------------------------------------------------|
| Cylindrical O.D. | Spherical O.D. |            |                       |                 |               | Inner<br>B  | Outer<br>C | S         | G         | L         | d <sub>1</sub> | B <sub>2</sub> | M         | B <sub>1</sub> |           |                     |                                      |                                                |
|                  |                |            |                       |                 |               |             |            |           |           |           |                |                |           |                |           |                     |                                      |                                                |
|                  |                |            |                       | in.<br>mm       | mm<br>in.     | mm<br>in.   | mm<br>in.  | mm<br>in. | mm<br>in. | mm<br>in. | mm<br>in.      | mm<br>in.      | mm<br>in. | kg<br>lbs.     | N<br>lbs. | N<br>lbs.           |                                      |                                                |
| GRA108RR         | GRA108RRB      | S1108K     | 208                   | 1 1/2           | 80<br>3.1496  | 30.18       | 22         | 11.00     | 19.18     | 4.8       | 60.3           | 18.3           | 4.17      | 43.7           | 0.694     | 1.53                | 19600<br>4400                        | 36000<br>8150                                  |
| —                | GRA109RRB      | S1109K     |                       | 1 9/16          |               |             |            |           |           |           |                |                |           |                | 0.649     | 1.43                |                                      |                                                |
| GRAE40RR         | GRAE40RRB      | SE40K      |                       | 40              |               |             |            |           |           |           |                |                |           |                | 0.649     | 1.43                |                                      |                                                |
| —                | GRA110RRB      | S1110K     | 209                   | 1 5/8           | 85<br>3.3465  | 30.18       | 22         | 11.00     | 19.18     | 4.8       | 63.5           | 18.3           | 4.55      | 43.7           | 0.780     | 1.72                | 20500<br>4600                        | 36300<br>8160                                  |
| —                | GRA111RRB      | S1111K     |                       | 1 11/16         |               |             |            |           |           |           |                |                |           |                | 0.735     | 1.62                |                                      |                                                |
| —                | GRA112RRB      | S1112K     |                       | 1 3/4           |               |             |            |           |           |           |                |                |           |                | 0.680     | 1.50                |                                      |                                                |
| —                | GRAE45RRB      | SE45K      |                       | 45              |               |             |            |           |           |           |                |                |           |                | 0.680     | 1.50                |                                      |                                                |
| —                | GRA113RRB      | S1113K     | 210                   | 1 13/16         | 90<br>3.5433  | 30.18       | 22         | 11.00     | 19.18     | 4.8       | 69.9           | 18.3           | 4.44      | 43.7           | 0.880     | 1.94                | 22700<br>5100                        | 39200<br>8800                                  |
| —                | GRA114RRB      | S1114K     |                       | 1 7/8           |               |             |            |           |           |           |                |                |           |                | 0.830     | 1.83                |                                      |                                                |
| —                | GRA115RRB      | S1115K     |                       | 1 15/16         |               |             |            |           |           |           |                |                |           |                | 0.771     | 1.79                |                                      |                                                |
| —                | GRA115RRB2     | S1115K2    |                       | 2               |               |             |            |           |           |           |                |                |           |                | 0.717     | 1.58                |                                      |                                                |
| —                | GRAE50RRB      | SE50K      |                       | 50              |               |             |            |           |           |           |                |                |           |                | 0.771     | 1.79                |                                      |                                                |
| —                | GRA200RRB      | S1200K     | 211                   | 2               | 100<br>3.9370 | 32.54       | 24         | 11.99     | 20.55     | 4.8       | 76.2           | 20.6           | 4.90      | 48.4           | 0.962     | 2.12                | 28500<br>6400                        | 48000<br>10800                                 |
| —                | GRA201RRB      | S1201K     |                       | 2 1/16          |               |             |            |           |           |           |                |                |           |                | 0.898     | 1.98                |                                      |                                                |
| —                | GRA202RRB      | S1202K     |                       | 2 1/8           |               |             |            |           |           |           |                |                |           |                | 0.857     | 1.89                |                                      |                                                |
| —                | GRA203RRB      | S1203K     |                       | 2 3/16          |               |             |            |           |           |           |                |                |           |                | 0.807     | 1.78                |                                      |                                                |
| —                | GRAE55RRB      | SE55K      |                       | 55              |               |             |            |           |           |           |                |                |           |                | 0.807     | 1.78                |                                      |                                                |

<sup>(1)</sup>Spherical O.D. outer-ring width is 12 mm (0.472 in.).

<sup>(2)</sup>Spherical O.D. outer-ring width is 14 mm (0.551 in.).

<sup>(3)</sup>Spherical O.D. outer-ring width is 21 mm (0.827 in.).

NOTE: Bore tolerance is nominal to +0.013 mm, +0.0005 in.