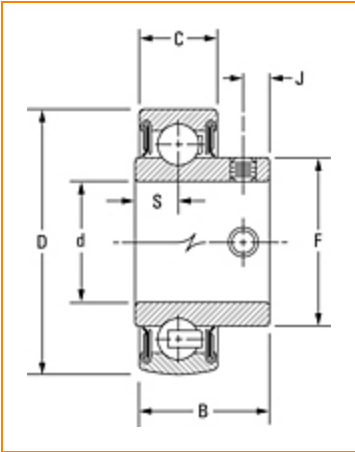




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Part Number YA100RRB, Fafnir® Wide Inner Ring Setscrew Locking Ball Bearings



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Specifications

|                  |                    |
|------------------|--------------------|
| Series           | Standard           |
| Shaft Size d     | 1 in               |
| Bore Type        | Cylindrical bore   |
| Bearing Type     | Ball Bearing       |
| Material         | Bearing Steel      |
| Lubrication Type | Non-Relubricatable |
| O.D. Type        | Spherical OD       |
| Sub Series       | YA..RRB            |
| Seal Type        | Narrow Shroud      |

|                              |                      |
|------------------------------|----------------------|
| Outside Diameter D           | 2.047 in<br>52 mm    |
| Inner Ring Width B           | 1.11 in<br>28.2 mm   |
| Outside Ring Width C         | 0.591 in<br>15 mm    |
| Radius r                     | 0.024 in<br>0.6 mm   |
| Center of Bearing from End S | 0.348 in<br>8.84 mm  |
| Dimension S1                 | 0.762 in<br>19.36 mm |
| Dimension F                  | 1.327 in<br>33.7 mm  |
| Dimension J                  | 0.25 in<br>6.35 mm   |
| Set Screw Size               | M6x1                 |
| Number of Set Screws         | 2                    |
| Angle between Set Screws     | 90 °                 |

Basic Load Ratings

|                     |                     |
|---------------------|---------------------|
| Static Load Rating  | 1750 lbf<br>7800 N  |
| Dynamic Load Rating | 3490 lbf<br>15500 N |

