



Deep groove ball bearing single row PB075-XP0-RBC - PB075-XP0-RBC

<https://www.123bearing.com/bearing-housing/deep-groove-bearing/single-row/pb075-xp0-rbc>

4-POINT CONTACT, X-TYPE
THIN SECTION BALL BEARINGS



- 17-4PH Steel with Ceramic Balls
- Large Diameter
- Light Weight
- Small Cross Section
- Snap-Over Ball Separator



Series: **PB**
Cross Section Size: **5/16"**

| | | P |
|-------------------------------|-------|--|
| Material Type | Rings | 17-4 PH |
| | Balls | SiC/Ni |
| Typical Intrinsic | | NSDC |
| Corrosion Resistance Material | | Very Good |
| Fatigue Resistance | | Poor |
| Friction Resistance | | Poor |
| Permeative | | May be supplied with or without permeative |

| PART NUMBER | B Bore | D Outside Diameter | NOMINAL DIMENSIONS | | | | | |
|--------------|---------------|--------------------|--------------------|---------------|---------------|------------------|---------------|--|
| | | | W Width | L1 Inner Ring | L2 Outer Ring | F Housing Fillet | Ball Diameter | |
| PB075XP0-RBC | 1.900 196.500 | 4.100 206.375 | 0.3125 7.938 | 7.724 196.44 | 7.691 200.43 | 0.030 0.81 | 5/32 | |

| PART NUMBER | Ball Quantity | Approx. Weight | LOAD RATINGS | | | | | | Limiting Speed (RPM) |
|-------------|---------------|----------------|--------------|-------------|--------------|--------------|--------------|-----------|----------------------|
| | | | Radial | | Tangential | | Moment | | |
| | | | Static | Dynamic | Static | Dynamic | Static | Dynamic | |
| PB | 18 | 0.93 0.940 | 3,175 14,100 | 1,900 8,670 | 7,800 30,220 | 2,770 11,140 | 10,300 1,400 | 4,300 100 | 1,340 |

PRODUCT FEATURES

| | |
|------------------|---------------|
| Brand | RBC |
| N° Ean13 | 3663952546162 |
| Inside diameter | 190.5 mm |
| Inside diameter | 7 1/2" inch |
| Outside diameter | 206.375 mm |
| Outside diameter | 8 1/8" inch |
| Thickness | 7.938 mm |
| Thickness | 5/16" inch |
| Weight | 240 g |
| Packaging | 1 |

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