


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

<https://www.123bearing.eu/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

**RBC**  
BEARINGS

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

| Material Type                 |  | P |
|-------------------------------|--|---|
| 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 | W Width | NOMINAL DIMENSIONS |               |                   |        | Ball Diameter |      |      |
|--------------|---------|--------------------|---------|--------------------|---------------|-------------------|--------|---------------|------|------|
|              |         |                    |         | L1 Inner Ring      | L2 Outer Ring | r1 Housing Fillet |        |               |      |      |
| PB075XP0-RBC | 190.500 | 206.375            | 7.938   | 7.724              | 196.44        | 7.691             | 200.43 | 6.952         | 0.91 | 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           | 3,175        | 14,150  | 1,908      | 6,870   | 7,889  | 35,220  | 2,776                | 11,140 | 10,386 | 1,460 | 4,368 | 100 | 1,340 |

### PRODUCT FEATURES

|                  |               |
|------------------|---------------|
| Brand            | RBC           |
| N° Ean13         | 3663952546162 |
| Inside diameter  | 190.5 mm      |
| Outside diameter | 206.375 mm    |
| Thickness        | 7.938 mm      |
| Weight           | 240 g         |
| Packaging        | 1             |

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