



## Cuscinetti a sfera fila unica PB180-AR0-RBC - PB180-AR0-RBC

<https://www.123cuscinetti.ch/cuscinetti-supporti/cuscinetti-sfera/fila-unica/pb180-ar0-rbc>


**ANGULAR CONTACT, A-TYPE**  
**THIN SECTION BALL BEARINGS**

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

Series: PB  
Cross Section Size: 5/16"

| Material Type             | Ring   | 17-4 PH |
|---------------------------|--|---------|
| Ball                      | SC304  |         |
| Special Hardness          | HX30   |         |
| Green Resistance Material | Very Good                                    |         |
| Fatigue Resistance        | Four   |         |
| Fretting Resistance       | Four   |         |
| Resonance                 | May be supplied with or without preservative |         |



| PART NUMBER* | NOMINAL DIMENSIONS |                  |        |                             |                             |                              |                           |               |        |        |        |       |      |     |
|--------------|--------------------|------------------|--------|-----------------------------|-----------------------------|------------------------------|---------------------------|---------------|--------|--------|--------|-------|------|-----|
|              | Bore               | Outside Diameter | W      | Line Diameter               |                             |                              | F <sub>1</sub>            | Ball Diameter |        |        |        |       |      |     |
|              | Ø                  | Ø                | W      | L <sub>1</sub> - Outer Ring | L <sub>2</sub> - Outer Ring | L <sub>3</sub> - Center Bore | Flouthing Fillet Diameter | Ø             |        |        |        |       |      |     |
| PB180AR0RBC  | 18.000             | 47.200           | 18.824 | 4.732                       | 7.338                       | 18.234                       | 463.14                    | 18.381        | 467.13 | 18.459 | 466.11 | 0.022 | 0.81 | 852 |

| Ball Quantity | Approx. Weight | LOAD RATINGS |         |            |         |        |         | Limiting Speed (RPM) |       |        |     |     |     |       |
|---------------|----------------|--------------|---------|------------|---------|--------|---------|----------------------|-------|--------|-----|-----|-----|-------|
|               |                | Radial       |         | Tangential |         | Moment |         |                      |       |        |     |     |     |       |
|               |                | Static       | Dynamic | Static     | Dynamic | Static | Dynamic |                      |       |        |     |     |     |       |
| 244           | 1.35           | 6.613        | 8.680   | 36.520     | 2.028   | 6.070  | 24,980  | 111,160              | 5,510 | 24,310 | N/A | N/A | N/A | 1,580 |

### CARATTERISTICHE DEL PRODOTTO

|                  |               |
|------------------|---------------|
| Marchio          | RBC           |
| N° Ean13         | 3663952545264 |
| Diametro interno | 457.2 mm      |
| Diametro esterno | 473.075 mm    |
| Spessore         | 7.938 mm      |
| Peso             | 612 g         |
| Imballaggio      | 1             |

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