



# Rillenkugellager einreihig ND180-CP0-RBC - ND180-CP0-RBC

<https://www.123kugellager.at/kugellager-gehauselager/rillenkugellager/einreihig/nd180-cp0-rbc>

**RADIAL CONTACT, C-TYPE  
THIN SECTION BALL BEARINGS**



- S2100 Steel with Thin Dense Chrome Coating
- Large Diameter
- Light Weight
- Small Cross Section
- Snap-Over Ball Separator



Series: ND  
Cross-Section Size: 1/2"

| N                             |  |
|-------------------------------|--|
| Material Type                 | Single S2100 - TSC                           |
| Balls                         | 440C   |
| Typical Hardness              | HRC 70 - 72                                  |
| Corrosion Resistance Material | Stainless                                    |
| Friction Resistance           | Good   |
| Sealing Resistance            | Very Good                                    |
| Preservative                  | May be supplied with or without preservative |

| PART NUMBER | B Bore         | D Outside Diameter | NOMINAL DIMENSIONS |               |               |            | H Housing Fillet | Ball Diameter |
|-------------|----------------|--------------------|--------------------|---------------|---------------|------------|------------------|---------------|
|             |                |                    | W Width            | Li Inner Ring | Lo Outer Ring | Ti         |                  |               |
| ND180CP0RBC | 12.000 457.185 | 18.000 482.608     | 6.500 12.700       | 18.975 486.71 | 18.800 473.58 | 0.500 1.12 | 18               |               |

| Ball Quantity | Approx. Weight | LOAD RATINGS  |              |               |               | Limiting Speed (RPM) |              |       |
|---------------|----------------|---------------|--------------|---------------|---------------|----------------------|--------------|-------|
|               |                | Radial        |              | Thrust        |               |                      |              |       |
|               |                | Static        | Dynamic      | Static        | Dynamic       |                      |              |       |
| 111           | 1.40 1.579     | 12,000 90,270 | 3,800 17,400 | 18,200 82,070 | 10,870 48,380 | 27,270 8,200         | 40,200 4,540 | 1,200 |

## PRODUKTMERKMALE

|                  |               |
|------------------|---------------|
| Marke            | RBC           |
| N° Ean13         | 3663952539874 |
| Innendurchmesser | 457.195 mm    |
| Innendurchmesser | 18" inch      |
| Außendurchmesser | 482.608 mm    |
| Außendurchmesser | 19" inch      |
| Dicke            | 12.7 mm       |
| Dicke            | 1/2" inch     |
| Gewicht          | 1579 g        |
| Verpackung       | 1             |

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