

# Rillenkugellager einreihig KD080-XP0-RBC - KD080-XP0-RBC

<https://www.123kugellager.ch/kugellager-gehauselager/rillenkugellager/einreihig/kd080-xp0-rbc>

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

- S2100 Steel
- Large Diameter
- Light Weight
- Small Cross Section
- Snap-Over Ball Separator

Series: KD  
Cross Section Size: 1/2"

|                     |      |                               |              |
|---------------------|------|-------------------------------|--------------|
| Failure Resistance  | Good | Material Type                 | Range        |
| Friction Resistance | Good | Balls                         | S2100        |
| Permanence          | Yes  | Typical Hardness              | HRC: 58 - 66 |
|                     |      | Corrosion Resistance Material | Pass         |

| PART NUMBER  | B Bore | D Outside Diameter |         | W Width | L1 Land Diameter |        |       | F1 Housing Pilot | Ball Diameter |      |     |
|--------------|--------|--------------------|---------|---------|------------------|--------|-------|------------------|---------------|------|-----|
|              |        | in                 | mm      |         | in               | mm     | in    |                  |               | mm   |     |
| KD080XP0-RBC | 8.5000 | 203.200            | 228.600 | 12.700  | 8.510            | 212.73 | 8.625 | 219.18           | 9.500         | 1.52 | 1/4 |

| Ball Quantity | Approx. Weight | LOAD RATINGS |         |            |         |        |         | Limiting Speed (RPM) |       |        |        |       |        |       |       |
|---------------|----------------|--------------|---------|------------|---------|--------|---------|----------------------|-------|--------|--------|-------|--------|-------|-------|
|               |                | Radial       |         | Tangential |         | Axial  |         |                      |       |        |        |       |        |       |       |
|               |                | Static       | Dynamic | Static     | Dynamic | Static | Dynamic |                      |       |        |        |       |        |       |       |
| 51            | 1.50           | 51684        | 5,810   | 23,863     | 3,338   | 14,830 | 14,560  | 64,680               | 8,370 | 27,490 | 24,778 | 8,790 | 10,863 | 1,200 | 1,410 |

## PRODUKTMERKMALE

|                  |               |
|------------------|---------------|
| Marke            | RBC           |
| N° Ean13         | 3663952537184 |
| Innendurchmesser | 203.2 mm      |
| Innendurchmesser | 8" inch       |
| Außendurchmesser | 228.6 mm      |
| Außendurchmesser | 9" inch       |
| Dicke            | 12.7 mm       |
| Dicke            | 1/2" inch     |
| Gewicht          | 694 g         |
| Verpackung       | 1             |

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