



# Rillenkugellager einreihig SF100-AR0-RBC - SF100-AR0-RBC

https://www.123kugellager.de/kugellager-gehauselager/rillenkugellager/einreihig/sf100-ar0-rbc


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



- 440C Stainless Steel
- Large Diameter
- Light Weight
- Small Cross Section
- Circular Pocket Ball Separator



Series: **SF**  
Cross Section Size: **3/4"**



| Material Type        |   | Series | S |
|----------------------|---|--------|---|
| Rings                | 440C  |        |   |
| Balls                | 440C  |        |   |
| Typical Hardness     | HRC 58 - 64                                 |        |   |
| Corrosion Resistance | Excellent                                   |        |   |
| Fatigue Resistance   | Good  |        |   |
| Friction Resistance  | Very Good                                   |        |   |
| Penetration          | May be supplied with or without penetration |        |   |

| PART NUMBER | NOMINAL DIMENSIONS |                    |         |                           |                           |                             |                                |                                |                                |               |        |        |       |      |     |
|-------------|--------------------|--------------------|---------|---------------------------|---------------------------|-----------------------------|--------------------------------|--------------------------------|--------------------------------|---------------|--------|--------|-------|------|-----|
|             | B Bore             | D Outside Diameter | M Width | L <sub>1</sub> Inner Ring | L <sub>2</sub> Outer Ring | L <sub>3</sub> Counter Bore | r <sub>1</sub> Rounding Fillet | r <sub>2</sub> Rounding Fillet | r <sub>3</sub> Rounding Fillet | Ball Diameter |        |        |       |      |     |
| SF100AR0RBC | 10.500             | 254.000            | 11.5000 | 252.100                   | 0.7500                    | 19.050                      | 12.563                         | 269.30                         | 10.300                         | 277.83        | 11.125 | 262.50 | 0.000 | 2.03 | 3.9 |

| Ball Quantity | Approx. Weight | LOAD RATINGS |        |         |        | Limiting Speed (GPM) |         |        |        |     |     |     |       |
|---------------|----------------|--------------|--------|---------|--------|----------------------|---------|--------|--------|-----|-----|-----|-------|
|               |                | Static       |        | Dynamic |        |                      |         |        |        |     |     |     |       |
| 50            | 4.30           | 14,420       | 64,140 | 5,880   | 26,830 | 41,820               | 165,100 | 17,330 | 77,000 | N/A | N/A | N/A | 1,900 |

## PRODUKTMERKMALE

|                  |               |
|------------------|---------------|
| Marke            | RBC           |
| N° Ean13         | 3663952549057 |
| Innendurchmesser | 254 mm        |
| Außendurchmesser | 292.1 mm      |
| Dicke            | 19.05 mm      |
| Gewicht          | 1950 g        |
| Verpackung       | 1             |

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