

# Rillenkugellager einreihig KB047-AR0-RBC - KB047-AR0-RBC

<https://www.123kugellager.de/kugellager-gehauselager/rillenkugellager/einreihig/kb047-ar0-rbc>

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

**RBC**  
BEARINGS

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

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

|                     |      |                               |             |
|---------------------|------|-------------------------------|-------------|
| Radial Clearance    | Good | Material Type                 | Flings      |
| Friction Resistance | Good | Ball                          | S2100       |
| Interference        | Yes  | Typical Hardness              | HRC 58 - 60 |
|                     |      | Corrosion-Resistance Material | Plow        |

| PART NUMBER* | NOMINAL DIMENSIONS |                  |                |                             |                             |                                |                         |               |  |  |
|--------------|--------------------|------------------|----------------|-----------------------------|-----------------------------|--------------------------------|-------------------------|---------------|--|--|
|              | Bore               | Outside Diameter | Width          | Lead Diameter               |                             |                                | Washing Flange          | Ball          |  |  |
|              | d                  | D                | B              | 1 <sub>1</sub> - Inner Ring | 1 <sub>2</sub> - Outer Ring | 1 <sub>3</sub> - Center Groove | 1 <sub>4</sub> - Groove | Ball Diameter |  |  |
| KB047AR0RBC  | 4.750 (120.65)     | 5.3750 (136.52)  | 0.3125 (7.938) | 4.884 (124.55)              | 5.141 (130.54)              | 5.218 (132.95)                 | 0.032 (0.81)            | 0.312         |  |  |

| Ball Quantity | Approx. Weight | LOAD RATINGS   |               |                |                |        |         | Limiting Speed (GPM) |
|---------------|----------------|----------------|---------------|----------------|----------------|--------|---------|----------------------|
|               |                | Radial         |               | Thrust         |                | Moment |         |                      |
|               |                | Static         | Dynamic       | Static         | Dynamic        | Static | Dynamic |                      |
| 60            | 9.24 (0.254)   | 2,380 (16,820) | 2,140 (5,070) | 6,000 (26,740) | 5,200 (14,830) | N/A    | N/A     | N/A                  |

## PRODUKTMERKMALE

|                  |               |
|------------------|---------------|
| Marke            | RBC           |
| N° Ean13         | 3663952535401 |
| Innendurchmesser | 120.65 mm     |
| Außendurchmesser | 136.525 mm    |
| Dicke            | 7.938 mm      |
| Gewicht          | 154 g         |
| Verpackung       | 1             |

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