



Deep groove ball bearing single row SA120-CP0-RBC - SA120-CP0-RBC

<https://www.123bearing.com/bearing-housing/deep-groove-bearing/single-row/sa120-cp0-rbc>

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



- 440C Stainless Steel
- Large Diameter
- Light Weight
- Small Cross Section
- Snap-Over Ball Separator



Series: SA
Cross Section Size: 1/4"

| S | |
|----------------------|--|
| Material / Balls | 440C |
| Typical Hardness | HRC 58 - 64 |
| Corrosion Resistance | Good |
| Fatigue Resistance | Good |
| Friction Resistance | Very Good |
| Preservation | May be supplied with or without preservative |

| PART NUMBER | B Bore | D Outside Diameter | W Width | | La - Inner Ring | | Lc - Outer Ring | | Lr Housing Fillet | Ball Diameter | | | | |
|-------------|---------|--------------------|---------|--------|-----------------|--------|-----------------|--------|-------------------|---------------|--------|-------|--------|-----|
| | | | mm | in | mm | in | mm | in | | | | | | |
| SA120CP0RBC | 12.0000 | 304.800 | 12.0000 | 0.4724 | 317.500 | 6.2000 | 0.2441 | 12.190 | 309.92 | 12.319 | 0.4847 | 6.025 | 0.2372 | 5/8 |

| Ball Quantity | Approx. Weight | LOAD RATINGS | | | | | | | | Limiting Speed (RPM) | | | | | |
|---------------|----------------|--------------|---------|--------|---------|------------|---------|--------|---------|----------------------|--------|-------|-------|-----|-------|
| | | Radial | | | | Tangential | | | | | | | | | |
| | | Static | Dynamic | Static | Dynamic | Static | Dynamic | Static | Dynamic | | | | | | |
| 147 | 9.96 | 0.254 | 2,700 | 14,500 | 1,070 | 4,800 | 5,200 | 24,700 | 5,200 | 13,700 | 13,600 | 1,040 | 7,000 | 800 | 1,200 |

PRODUCT FEATURES

| | |
|------------------|---------------|
| Brand | RBC |
| N° Ean13 | 3663952547800 |
| Inside diameter | 304.8 mm |
| Outside diameter | 317.5 mm |
| Thickness | 6.35 mm |
| Weight | 254 g |
| Packaging | 1 |

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