

## Deep groove ball bearing single row ND055-XP0-RBC - ND055-XP0-RBC

<https://www.123bearing.co.uk/bearing-housing/deep-groove-bearing/single-row/nd055-xp0-rbc>

**4-POINT CONTACT, X-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                              |  |
|--------------------------------|--|
| Model Type                     | Flange S2100 + T30                           |
|                                | Ball 443C                                    |
| Physical Hardness              | HRC 59 - 62                                  |
| Operative Temperature Material | Steel  |
| Fatigue Resistance             | Good   |
| Friction Resistance            | Very Good                                    |
| Preservative                   | May be supplied with or without preservative |

| PART NUMBER  | NOMINAL DIMENSIONS |                    |              |               |               |                   |               |     |
|--------------|--------------------|--------------------|--------------|---------------|---------------|-------------------|---------------|-----|
|              | B Bore             | D Outside Diameter | W Width      | L1 Inner Ring | L2 Outer Ring | R1 Housing Fillet | Ball Diameter |     |
| ND055XP0-RBC | 5.498 139.695      | 6.303 165.108      | 5.000 12.700 | 5.875 149.23  | 6.125 155.58  | 0.500 1.02        | 0.500 1.27    | 1/4 |

| Ball Quantity | Approx. Weight | LOAD RATINGS |              |               |              |              |           | Limiting Speed (RPM) |
|---------------|----------------|--------------|--------------|---------------|--------------|--------------|-----------|----------------------|
|               |                | Radial       |              | Tangential    |              | Moment       |           |                      |
|               |                | Static       | Dynamic      | Static        | Dynamic      | Static       | Dynamic   |                      |
| 26            | 1.96 5.481     | 4.100 10,240 | 2.720 12,130 | 10,200 40,640 | 5,400 24,240 | 10,200 1,300 | 6,500 170 | 2,000                |

### PRODUCT FEATURES

|                  |               |
|------------------|---------------|
| Brand            | RBC           |
| N° Ean13         | 3663952541891 |
| Inside diameter  | 139.695 mm    |
| Outside diameter | 165.108 mm    |
| Thickness        | 12.7 mm       |
| Weight           | 481 g         |
| Packaging        | 1             |

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