


# Roulement à bille simple rangée ND120-AR0-RBC - ND120-AR0-RBC

<https://www.123roulement.be/roulement-palier/roulement-bille/simple-rangee/nd120-ar0-rbc>

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



- S2100 Steel with Thin Dense Chrome Coating
- Large Diameter
- Light Weight
- Small Cross Section
- Circular Pocket Ball Separator

Series: **ND**  
Cross Section Size: **1/2"**

| Material Type                 |  | Ring   | S2100 - TiCN |
|-------------------------------|--|--|--------------|
| Balls                         |  | 440C   |              |
| Typical Hardness              |  | HRC 70 - 72                                  |              |
| Corrosion Resistance Material |  | Stainless                                    |              |
| Fatigue Resistance            |  | Good   |              |
| Friction Resistance           |  | Very Good                                    |              |
| Preservation                  |  | May be supplied with or without preservation |              |

| PART NUMBER* | B Balls | D <sub>o</sub> Outside Diameter | W Width | NOMINAL DIMENSIONS        |                           |                             |                            |                              |                               |        |       |      |     |
|--------------|---------|---------------------------------|---------|---------------------------|---------------------------|-----------------------------|----------------------------|------------------------------|-------------------------------|--------|-------|------|-----|
|              |         |                                 |         | L <sub>1</sub> Inner Ring | L <sub>2</sub> Outer Ring | L <sub>3</sub> Counter Bore | W <sub>1</sub> Housing Fit | D <sub>i</sub> Ball Diameter | D <sub>1</sub> D <sub>2</sub> |        |       |      |     |
| ND120AR0RBC  | 11 2000 | 304.795                         | 330.208 | 12.700                    | 12.975                    | 314.12                      | 12.650                     | 320.00                       | 12.700                        | 320.00 | 9.000 | 1.00 | 104 |

| Ball Quantity | Approx. Weight | LOAD RATINGS |         |            |         |        |         | Limiting Speed (RPM) |        |     |     |     |       |
|---------------|----------------|--------------|---------|------------|---------|--------|---------|----------------------|--------|-----|-----|-----|-------|
|               |                | Radial       |         | Tangential |         | Moment |         |                      |        |     |     |     |       |
|               |                | Static       | Dynamic | Static     | Dynamic | Static | Dynamic |                      |        |     |     |     |       |
| 100           | 2.26 - 1.001   | 9,970        | 43,800  | 3,430      | 15,200  | 28,500 | 120,710 | 9,900                | 44,200 | N/A | N/A | N/A | 1,650 |

## CARACTÉRISTIQUES PRODUIT

|                 |               |
|-----------------|---------------|
| Marque          | RBC           |
| N° Ean13        | 3663952541051 |
| Diam. intérieur | 304.795 mm    |
| Diam. extérieur | 330.208 mm    |
| Épaisseur       | 12.7 mm       |
| Poids           | 1021 g        |
| Conditionnement | 1             |

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