



Deep groove ball bearing single row PD047-XP0-RBC - PD047-XP0-RBC

<https://www.123bearing.com/bearing-housing/deep-groove-bearing/single-row/pd047-xp0-rbc>

**4-POINT CONTACT, X-TYPE
THIN SECTION BALL BEARINGS**



- 17-4PH Steel with Ceramic Balls
- Large Diameter
- Light Weight
- Small Cross Section
- Snap-Over Ball Separator



Series: **500**
Cross Section Size: **1/2"**

P	
Material Type	Rings 17-4 PH Balls SCB4
Typical Intrinsic	MSD
Corrosion Resistance Material	Very Good
Fatigue Resistance	Poor
Friction Resistance	Poor
Permeative	May be supplied with or without permeative

PART NUMBER	B Bore	D Outside Diameter	W Width	NOMINAL DIMENSIONS			
				L1 Inner Ring	L2 Outer Ring	r1 Housing Fillet	Ball Diameter
PD047XP0RBC	4.700 120.652	5.700 146.050	0.500 12.700	4.125 105.18	5.275 136.53	0.300 7.62	0.18

Ball Quantity	Approx. Weight	LOAD RATINGS						Limiting Speed (RPM)
		Radial		Tangential		Moment		
		Static	Dynamic	Static	Dynamic	Static	Dynamic	
31	0.94 0.420	3,300 10,700	2,400 11,500	8,800 28,000	5,700 18,600	3,200 1,000	3,300 810	2,200

PRODUCT FEATURES

Brand	RBC
N° Ean13	3663952545820
Inside diameter	120.65 mm
Outside diameter	146.05 mm
Thickness	12.7 mm
Weight	426 g
Packaging	1

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