



Deep groove ball bearing single row PD100-XP0-RBC - PD100-XP0-RBC


<https://www.123bearing.eu/bearing-housing/deep-groove-bearing/single-row/pd100-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: PD
Cross Section Size: 1/2"

P	
Material Type	Rings 17-4 PH Balls SCB4
Typical Intrinsic	ISO5
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				Ball Diameter					
				L1 Inner Ring	L2 Outer Ring	Housing Fillet	r1						
PD100XP0-RBC	104.000	254.000	11.000	278.400	8.000	12.700	14.975	263.03	10.625	269.85	0.000	1.02	18

Ball Quantity	Approx. Weight	LOAD RATINGS						Limiting Speed (RPM)							
		Radial		Tangential		Moment									
		Static	Dynamic	Static	Dynamic	Static	Dynamic								
63	1.88	6380	7.190	31.060	3.776	16.830	17.860	20.800	8.800	16.170	37.278	4.260	14.872	1.800	1.140

PRODUCT FEATURES

Brand	RBC
N° Ean13	3663952546360
Inside diameter	254 mm
Outside diameter	279.4 mm
Thickness	12.7 mm
Weight	853 g
Packaging	1

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