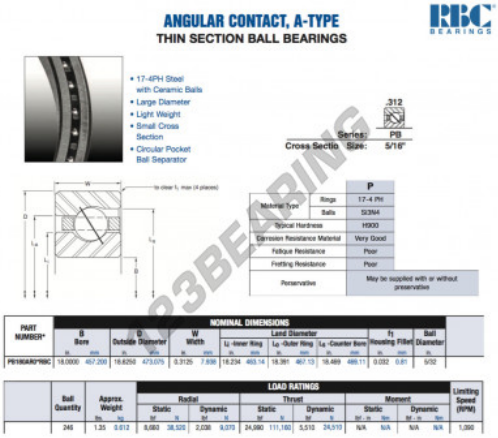
Deep groove ball bearing single row
PB180-AR0-RBC - PB180-AR0-RBC

https://www.123bearing.ca/bearing-housing/deep-groove-bearing/single-row/pb180-ar0-rbc



ANGULAR CONTACT, A-TYPE
THIN SECTION BALL BEARINGS

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

Series: PB
Cross Section Size: 5/16"

		P
Material Type	Rings	17-4 PH
	Balls	Si3N4
Typical Hardness		H900
Corrosion Resistance Material		Very Good
Fatigue Resistance		Poor
Fretting Resistance		Poor
Preservative		May be supplied with or without preservative

PART NUMBER*	NOMINAL DIMENSIONS												
	B Bore		D Outside Diameter		W Width		Land Diameter L_1 -Inner Ring		L_2 -Outer Ring		L_3 -Counter Bore	r_1 Housing Fillet	Ball Diameter
	in	mm	in	mm	in	mm	in	mm	in	mm	in	in	in
PB180AR0*RBC	18.0000	457.200	18.6250	473.075	0.3125	7.938	18.234	463.14	18.391	467.13	18.489	0.032	5/32

	Ball Quantity	Approx. Weight		LOAD RATINGS														Limiting Speed (RPM)
				Radial				Thrust				Moment						
				Static		Dynamic		Static		Dynamic		Static		Dynamic				
		lbs	kg	lbf	N	lbf	N	lbf	N	lbf	N	lbf - in	Nm	lbf - in	Nm			
	246	1.35	0.612	8,683	38,620	2,036	9,070	24,980	111,160	5,510	24,510	N/A	N/A	N/A	N/A			1,260

PRODUCT FEATURES

Brand	RBC
N° Ean13	3663952545264
Inside diameter	457.2 mm
Outside diameter	473.075 mm
Thickness	7.938 mm
Weight	612 g
Packaging	1

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