

## Deep groove ball bearing single row SB090-AR0-RBC - SB090-AR0-RBC

<https://www.123bearing.ie/bearing-housing/deep-groove-bearing/single-row/sb090-ar0-rbc>

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

- 440C Stainless Steel
- Large Diameter
- Light Weight
- Small Cross Section
- Circular Pocket Ball Separator

**RBC**  
BEARINGS

312  
3123  
31233  
312333

Series: SB  
Cross Section: S116"

S	
Material Type	440C
Typical Hardness	HRC 58 - 64
Corrosion Resistance	Good
Fatigue Resistance	Good
Friction Resistance	Very Good
Performance	May be supplied with or without grease/lubrication

PART NUMBER	NOMINAL DIMENSIONS										
	B Bore	D Outside Diameter	W Width	L1 Inner Ring	L2 Outer Ring	L3 Counter bore	r1 Housing Fillet	Ball Diameter			
SB090AR0RBC	228.600	244.475	7.938	2.204	24.54	5.91	28.13	5.488	0.032	0.81	5/12

Ball Quantity	Ball Weight	LOAD RATINGS						Limiting Speed (GPM)					
		Static		Dynamic		Moment							
		Static	Dynamic	Static	Dynamic	Static	Dynamic						
120	0.28	4,400	18,570	1,410	6,270	12,700	55,460	4,000	16,130	N/A	N/A	N/A	2,150

### PRODUCT FEATURES

Brand	RBC
N° Ean13	3663952548968
Inside diameter	228.6 mm
Outside diameter	244.475 mm
Thickness	7.938 mm
Weight	299 g
Packaging	1

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