


## Deep groove ball bearing single row SB070-AR0-RBC - SB070-AR0-RBC

<https://www.123bearing.com/bearing-housing/deep-groove-bearing/single-row/sb070-ar0-rbc>

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

**RBC**  
BEARINGS



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

312  
ISO 312  
Series: SB  
Cross Section Size: S16\*

S	
Material Type	440C
Typical Hardness	HRC 58 - 64
Corrosion Resistance	Good
Fatigue Resistance	Good
Friction Resistance	Very Good
Penetration	May be supplied with or without penetration

PART NUMBER*	NOMINAL DIMENSIONS														
	B Bore	D Outside Diameter	W Width	L <sub>1</sub> Inner Ring	L <sub>2</sub> Outer Ring	L <sub>3</sub> Counter Bore	R <sub>1</sub> Housing Fillet	Ball Diameter							
SB070AR0RBC	7.938	177.800	7.938	193.675	0.3125	7.938	7.254	183.74	7.281	187.73	7.488	188.71	0.032	0.81	5/32

Ball Quantity	Approx. Weight	LOAD RATINGS						Limiting Speed (GPM)							
		Static		Dynamic		Moment									
		Static	Dynamic	Static	Dynamic	Static	Dynamic								
96	0.30	0.027	3,400	14,200	1,300	5,700	8,900	44,300	3,700	14,700	NA	NA	NA	NA	2,740

### PRODUCT FEATURES

Brand	RBC
N° Ean13	3616060472991
Inside diameter	177.8 mm
Outside diameter	193.675 mm
Thickness	7.938 mm
Weight	227 g
Packaging	1

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