

## Deep groove ball bearing single row SC090-AR0-RBC - SC090-AR0-RBC

<https://www.123bearing.co.uk/bearing-housing/deep-groove-bearing/single-row/sc090-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

Series: **SC**

Cross Section Size: **3/8"**

S	
Material Type	440C
Typical Hardness	HRC 58 - 64
Corrosion Resistance	Medium
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			
SC090AR0RBC	0.000 228.600	0.700 247.650	0.3750 9.525	0.201 5.103	0.489 12.463	0.363 9.230	0.040 1.02	0.375 9.525			

	Ball Quantity	Approx. Weight	LOAD RATINGS				Limiting Speed (RPM)
			Static		Dynamic		
	100	0.94 0.430	5,520 24,550	1,800 8,270	15,800 70,800	5,400 24,000	N/A

### PRODUCT FEATURES

Brand	RBC
N° Ean13	3663952548975
Inside diameter	228.6 mm
Outside diameter	247.65 mm
Thickness	9.525 mm
Weight	426 g
Packaging	1

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