


## Deep groove ball bearing single row SD047-AR0-RBC - SD047-AR0-RBC

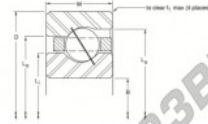
<https://www.123bearing.co.uk/bearing-housing/deep-groove-bearing/single-row/sd047-ar0-rbc>

**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: SD	
Cross Section	Size
	1/2"

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										
	S Bore	D Outside Diameter	B 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	Ball Qty	Ball Dia	Ball Dia
SD047AR0RBC	4.7500 (120.65)	5.7000 (146.05)	0.5000 (12.70)	5.105 (130.18)	5.315 (136.53)	5.500 (139.70)	0.060 (1.52)	1.94	42	1.94	1.94

Ball Quantity	Ball Weight	LOAD RATINGS				Limiting Speed (RPM)
		Static		Dynamic		
42	0.54 (0.43)	4,050 (16,680)	5,810 (11,370)	11,870 (55,262)	7,280 (35,960)	N/A

### PRODUCT FEATURES

Brand	RBC
N° Ean13	3663952548500
Inside diameter	120.65 mm
Outside diameter	146.05 mm
Thickness	12.7 mm
Weight	426 g
Packaging	1

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