



**Bearing No. W 6303-2RS1**

D	47 mm
d	17 mm
B	14 mm
Bore	0.669 Inch   17 Millimeter
Noun	Bearing
UNSPSC	31171504
Category	Single Row Ball Bearing
Snap Ring	No
Size (mm)	47x17x14
Enclosure	2 Seals
Inventory	0.0
Width (mm)	14
Weight / LBS	0.2491
Mass bearing	0.11 kg
Product Group	B00308
d <sub>1</sub>	27.5 mm
D <sub>2</sub>	41.1 mm
Inch - Metric	Metric
Cage Material	Stainless Steel
Bearing number	W 6303-2RS1
Keyword String	Ball
Enclosure Type	Contact Seal
Other Features	Deep Groove   NBR Seal
Limiting speed	10000 r/min
Precision Class	ABEC 1   ISO P0
Rolling Element	Ball Bearing
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Long Description	17MM Bore; 47MM Outside Diameter;

	14MM Outer Race Width; 2 Seals; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Stainless St
Inner Race Width	0 Inch   0 Millimeter
Outside Diameter	1.85 Inch   47 Millimeter
Outer Race Width	0.551 Inch   14 Millimeter
Manufacturer Name	SKF
Weight / Kilogram	0.111
Bore Diameter (mm)	47
r <sub>a</sub> max.	1 mm
Internal Clearance	C0-Medium
D <sub>a</sub> max.	42 mm
d <sub>a</sub> max.	27 mm
d <sub>a</sub> min.	22 mm
Outer Diameter (mm)	17
r <sub>1,2</sub> min.	1 mm
d <sub>a</sub> - max.	27 mm
D <sub>a</sub> - max.	42 mm
d <sub>a</sub> - min.	22 mm
r <sub>a</sub> - max.	1 mm
Minimum Buy Quantity	N/A
d <sub>1</sub> ?	27.5 mm
D <sub>2</sub> ?	41.1 mm
r <sub>1,2</sub> - min.	1 mm
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	W 6303-2RS1
Internal Special Features	No

Basic dynamic load rating C	11.7 kN
Basic dynamic load rating - C	11.7 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit $P_u$	0.28 kN
Calculation factor $k_r$	0.035
Calculation factor $f_0$	12.4
Fatigue load limit - $P_u$	0.28 kN
Calculation factor - $k_r$	0.035
Calculation factor - $f_0$	12.4
Basic static load rating $C_0$	6.55 kN
Basic static load rating - $C_0$	6.6 kN