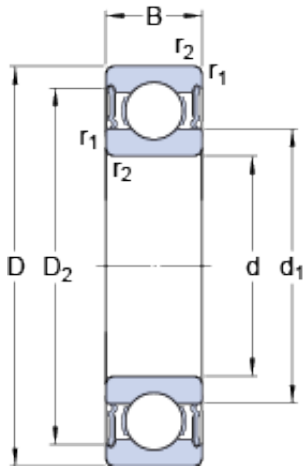




# NTN DRIVESHAFT ANDERSON, INC.



17 mm x 47 mm x 14 mm SKF W 6303-2RS1  
deep groove ball bearings

Bearing No. W 6303-2RS1

W 6303-2RS1 Bearing 2D drawings and 3D CAD models

Size	47x17x14 mm
Bore Diameter	47 mm
Outer Diameter	17 mm
Width	14 mm
d	17 mm
D	47 mm
B	14 mm
d <sub>1</sub>	27.5 mm
D <sub>2</sub>	41.1 mm
r <sub>1,2</sub> - min.	1 mm
d <sub>a</sub> - min.	22 mm
d <sub>a</sub> - max.	27 mm
D <sub>a</sub> - max.	42 mm
r <sub>a</sub> - max.	1 mm
Basic dynamic load rating - C	11.7 kN
Basic static load rating - C <sub>0</sub>	6.6 kN
Fatigue load limit - P <sub>u</sub>	0.28 kN
Limiting speed	10000 r/min
Calculation factor - k <sub>r</sub>	0.035
Calculation factor - f <sub>0</sub>	12.4
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



## NTN DRIVESHAFT ANDERSON, INC.

Weight / Kilogram	0.111
EAN	7316570466706
Product Group	B00308
Enclosure	2 Seals
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Stainless Steel
Enclosure Type	Contact Seal
Internal Clearance	C0-Medium
Inch - Metric	Metric
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
Other Features	Deep Groove   NBR Seal
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	W 6303-2RS1
Weight / LBS	0.2491
Outer Race Width	0.551 Inch   14 Millimeter
Bore	0.669 Inch   17 Millimeter
Outside Diameter	1.85 Inch   47 Millimeter



## NTN DRIVESHAFT ANDERSON, INC.

Inner Race Width	0 Inch   0 Millimeter
$d_1$	27.5 mm
$D_2$	41.1 mm
$r_{1,2}$ min.	1 mm
$d_a$ min.	22 mm
$d_a$ max.	27 mm
$D_a$ max.	42 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	11.7 kN
Basic static load rating $C_0$	6.55 kN
Fatigue load limit $P_u$	0.28 kN
Calculation factor $k_r$	0.035
Calculation factor $f_0$	12.4
Mass bearing	0.11 kg