



Bearing No. 6303-2RSH

D	47 mm
d	17 mm
B	14 mm
Noun	Bearing
Bore	0.669 Inch 17 Millimeter
UNSPSC	31171504
series:	63
Category	Single Row Ball Bearing
Size (mm)	47x17x14
Snap Ring	No
Enclosure	2 Seals
Inventory	0.0
Width (mm)	14
bore type:	Round
Weight / LBS	0.262
Mass bearing	0.12 kg
maximum rpm:	11000 RPM
Inch - Metric	Metric
Product Group	B00308
Cage Material	Steel
D ₂	39.58 mm
closure type:	Double Sealed
d ₂	23.4 mm
Keyword String	Ball
overall width:	14 mm
cage material:	Steel
Other Features	Deep Groove NBR Seal
fillet radius:	1 mm

Enclosure Type	Contact Seal
bore diameter:	17 mm
Bearing number	6303-2RSH
Limiting speed	11000 r/min
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Outside Diameter	1.85 Inch 47 Millimeter
Outer Race Width	0.551 Inch 14 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Manufacturer URL	http://www.skf.com
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; Steel Cage;
Manufacturer Name	SKF
precision rating:	Not Rated
Weight / Kilogram	0.119
outer ring width:	14 mm
outside diameter:	47 mm
D _a max.	41.4 mm
d _a max.	23.5 mm
d _a min.	22.6 mm
Internal Clearance	C0-Medium
Bore Diameter (mm)	47
r _a max.	1 mm
Outer Diameter (mm)	17
internal clearance:	C0

$r_{1,2}$ min.	1 mm
d_a - min.	22.6 mm
d_a - max.	23.5 mm
D_a - max.	41.4 mm
r_a - max.	1 mm
Minimum Buy Quantity	N/A
d_2 ?	23.4 mm
D_2 ?	39.58 mm
static load capacity:	6.55 kN
row type & fill slot:	Single Row Non-Fill Slot
$r_{1,2}$ - min.	1 mm
dynamic load capacity:	14.3 kN
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6303-2RSH
Internal Special Features	No
Basic dynamic load rating C	14.3 kN
operating temperature range:	-40 to +210 °F
Basic dynamic load rating - C	14.3 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	0.275 kN
Calculation factor k_r	0.03
Calculation factor f_0	12
Fatigue load limit - P_u	0.275 kN
Calculation factor - k_r	0.03
Calculation factor - f_0	12
Basic static load rating C_0	6.55 kN
Basic static load rating -	6.6 kN

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