



## SKF 6302 2RS JEM, Deep Groove Roller Bearing

Bearing No. 6302

Size	15x42x13 mm
Bore Diameter	15 mm
Outer Diameter	42 mm
Width	13 mm
d	15 mm
D	42 mm
B	13 mm
C	13 mm
d1	23,7 mm
r1 min.	1 mm
r2 min.	1 mm
D1	33,7 mm
D2	36,3 mm
da min.	20,6 mm
Da max.	36,4 mm
rc max.	1 mm
Weight	0,082 Kg
Basic dynamic load rating (C)	11,9 kN
Basic static load rating (C0)	5,4 kN
Fatigue load limit (Pu)	0,228
Reference speed	38000 r/min
Limiting speed	24000 r/min
Calculation factor (f0)	12
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF

6302 Bearing 2D drawings and 3D CAD models



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Minimum Buy Quantity	N/A
Weight / Kilogram	0.083
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	15MM Bore; 42MM Outside Diameter; 13MM Outer Race Diameter; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
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	6302
Weight / LBS	0.18
Outer Race Width	0.512 Inch   13 Millimeter
Bore	0.591 Inch   15 Millimeter
Outside Diameter	1.654 Inch   42 Millimeter
d <sub>1</sub>	23.7 mm
D <sub>2</sub>	36.23 mm
d <sub>a</sub> min.	20.6 mm



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$D_a$ max.	36.4 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	11.9 kN
Basic static load rating $C_0$	5.4 kN
Fatigue load limit $P_u$	0.228 kN
Calculation factor $k_r$	0.03
Calculation factor $f_0$	12
Mass bearing	0.082 kg