



Bearing No. 6014-RS1

D	110 mm
d	70 mm
B	20 mm
Noun	Bearing
Bore	2.756 Inch 70 Millimeter
UNSPSC	31171504
weight:	1.37 lbs
series:	60
Category	Single Row Ball Bearing
Enclosure	1 Seal
Snap Ring	No
Inventory	0.0
Size (mm)	110x70x20
bore type:	Round
Width (mm)	20
Weight / LBS	1.38
maximum rpm:	3600 rpm
Mass bearing	0.62 kg
Cage Material	Steel
d ₁	82.85 mm
closure type:	Single Seal
D ₂	99.9 mm
Product Group	B00308
Inch - Metric	Metric
Limiting speed	3600 r/min
fillet radius:	1.1 mm
cage material:	Steel
overall width:	20 mm
bore diameter:	70 mm

Keyword String	Ball
Enclosure Type	Contact Seal
Bearing number	6014-RS1
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Outside Diameter	4.331 Inch 110 Millimeter
Outer Race Width	0.787 Inch 20 Millimeter
Long Description	70MM Bore; 110MM Outside Diameter; 20MM Outer Race Diameter; 1 Seal; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Manufacturer URL	http://www.skf.com
Manufacturer Name	SKF
bearing material:	Steel
Weight / Kilogram	0.63
outside diameter:	110 mm
d_a min.	76 mm
D_a max.	104 mm
d_a max.	82.8 mm
Bore Diameter (mm)	110
r_a max.	1 mm
Internal Clearance	C0-Medium
snap ring included:	Without Snap Ring
internal clearance:	C0
Outer Diameter (mm)	70
d_a - min.	76 mm
d_a - max.	82.8 mm
D_a - max.	104 mm

Minimum Buy Quantity	N/A
r_a - max.	1 mm
$r_{1,2}$ min.	1.1 mm
D_2 ?	99.9 mm
d_1 ?	82.85 mm
static load capacity:	31 kN
row type & fill slot:	Single Row Non-Fill Slot
$r_{1,2}$ - min.	1.1 mm
Harmonized Tariff Code	8482.10.50.68
dynamic load capacity:	39.7 kN
manufacturer upc number:	7316570182682
Manufacturer Item Number	6014-RS1
Internal Special Features	No
manufacturer product page:	Click here
Basic dynamic load rating C	39.7 kN
operating temperature range:	Max 250 °F
Basic dynamic load rating - C	39.7 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	1.32 kN
Calculation factor k_r	0.025
Calculation factor f_0	15.6
Calculation factor - f_0	15.6
Fatigue load limit - P_u	1.3 kN
Calculation factor - k_r	0.025
Basic static load rating C_0	31 kN

Basic static load rating - C_0	31 kN
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