



BEARING FORGE OF AMERICA CORP.



70 mm x 110 mm x 13 mm skf 16014 bearing

Bearing No. 16014

Size	110x70x13 mm
Bore Diameter	110 mm
Outer Diameter	70 mm
Width	13 mm
d	70 mm
D	110 mm
B	13 mm
d ₁	83.3 mm
D ₁	96.75 mm
r _{1,2} - min.	0.6 mm
d _a - min.	73.2 mm
D _a - max.	106 mm
r _a - max.	0.6 mm
Basic dynamic load rating - C	29.1 kN
Basic static load rating - C ₀	25 kN
Fatigue load limit - P _u	1.1 kN
Reference speed	13000 r/min
Limiting speed	8000 r/min
Calculation factor - k _r	0.02
Calculation factor - f ₀	16.3
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.46

16014 Bearing 2D drawings and 3D CAD models



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EAN	7316577015914
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	70MM Bore; 110MM 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	http://www.skf.com
Manufacturer Item Number	16014
Weight / LBS	1.014
Outside Diameter	4.331 Inch 110 Millimeter
Bore	2.756 Inch 70 Millimeter
Outer Race Width	0.512 Inch 13 Millimeter
bore diameter:	70 mm
static load capacity:	25 kN
outside diameter:	110 mm
precision rating:	Not Rated



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overall width:	13 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	13 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	0.6 mm
snap ring included:	Without Snap Ring
maximum rpm:	8000 RPM
internal clearance:	C0
series:	16
dynamic load capacity:	29.1 kN
d_1	83.3 mm
D_1	96.75 mm
$r_{1,2}$ min.	0.6 mm
d_a min.	73.2 mm
D_a max.	106 mm
r_a max.	0.6 mm
Basic dynamic load rating C	29.1 kN
Basic static load rating C_0	25 kN
Fatigue load limit P_u	1.06 kN
Calculation factor k_r	0.02
Calculation factor f_0	16.3
Mass bearing	0.44 kg