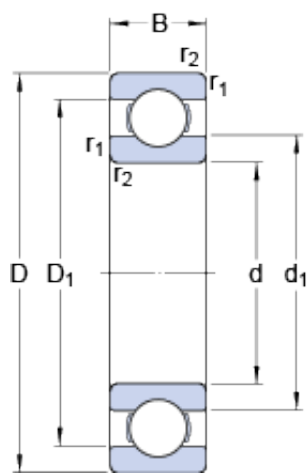




Bearing No. 16014

D	110 mm
d	70 mm
B	13 mm
Bore	2.756 Inch 70 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	16
Category	Single Row Ball Bearing
Enclosure	Open
Inventory	0.0
Size (mm)	110x70x13
Snap Ring	No
Width (mm)	13
bore type:	Round
Weight / LBS	1.014
Mass bearing	0.44 kg
maximum rpm:	8000 RPM
closure type:	Open
D ₁	96.75 mm
d ₁	83.3 mm
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00308
bore diameter:	70 mm
cage material:	Steel
Keyword String	Ball
fillet radius:	0.6 mm
overall width:	13 mm
Bearing number	16014

Limiting speed	8000 r/min
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Reference speed	13000 r/min
Outer Race Width	0.512 Inch 13 Millimeter
Outside Diameter	4.331 Inch 110 Millimeter
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
Manufacturer URL	http://www.skf.com
outer ring width:	13 mm
precision rating:	Not Rated
outside diameter:	110 mm
Manufacturer Name	SKF
Weight / Kilogram	0.46
D _a max.	106 mm
Bore Diameter (mm)	110
Internal Clearance	C0-Medium
r _a max.	0.6 mm
d _a min.	73.2 mm
snap ring included:	Without Snap Ring
Outer Diameter (mm)	70
internal clearance:	C0
r _a - max.	0.6 mm
D _a - max.	106 mm
d _a - min.	73.2 mm
r _{1,2} min.	0.6 mm

Minimum Buy Quantity	N/A
static load capacity:	25 kN
d_1 ?	83.3 mm
row type & fill slot:	Single Row Non-Fill Slot
D_1 ?	96.75 mm
dynamic load capacity:	29.1 kN
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	0.6 mm
Manufacturer Item Number	16014
Internal Special Features	No
Basic dynamic load rating C	29.1 kN
Basic dynamic load rating - C	29.1 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	1.06 kN
Calculation factor k_r	0.02
Calculation factor f_0	16.3
Fatigue load limit - P_u	1.1 kN
Calculation factor - k_r	0.02
Calculation factor - f_0	16.3
Basic static load rating C_0	25 kN
Basic static load rating - C_0	25 kN