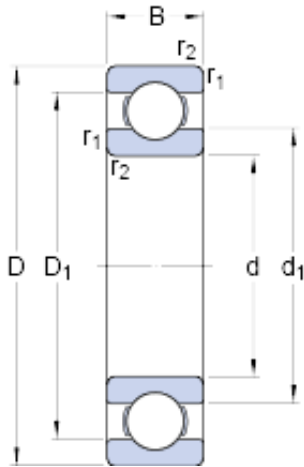




## BEARING DRIVESHAFT, INC.



70 mm x 110 mm x 13 mm SKF 16014 deep groove ball bearings

Bearing No. 16014

16014 Bearing 2D drawings and 3D CAD models

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



## BEARING DRIVESHAFT, INC.

Weight / Kilogram	0.46
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	<a href="http://www.skf.com">http://www.skf.com</a>
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



## BEARING DRIVESHAFT, INC.

precision rating:	Not Rated
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