



## BEARING FORGE OF AMERICA CORP.



120 mm x 150 mm x 16 mm skf 61824 bearing

Bearing No. 61824

61824 Bearing 2D drawings and 3D CAD models

Size	150x120x16 mm
Bore Diameter	150 mm
Outer Diameter	120 mm
Width	16 mm
d	120 mm
D	150 mm
B	16 mm
d <sub>1</sub>	128.6 mm
D <sub>2</sub>	144.05 mm
r <sub>1,2</sub> - min.	1 mm
d <sub>a</sub> - min.	125 mm
D <sub>a</sub> - max.	145 mm
r <sub>a</sub> - max.	1 mm
Basic dynamic load rating - C	29.1 kN
Basic static load rating - C <sub>0</sub>	28 kN
Fatigue load limit - P <sub>u</sub>	1.3 kN
Reference speed	8500 r/min
Limiting speed	5300 r/min
Calculation factor - k <sub>r</sub>	0.015
Calculation factor - f <sub>0</sub>	13.5
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.577



## BEARING FORGE OF AMERICA CORP.

EAN	7316576641886
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	120MM Bore; 150MM Outside Diameter; 16MM 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	61824 J
Weight / LBS	1.27
Outer Race Width	0.63 Inch   16 Millimeter
Bore	4.724 Inch   120 Millimeter
Outside Diameter	5.906 Inch   150 Millimeter
bore diameter:	120 mm
static load capacity:	28 kN
outside diameter:	150 mm
precision rating:	Not Rated



## BEARING FORGE OF AMERICA CORP.

overall width:	16 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	16 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	1 mm
snap ring included:	Without Snap Ring
maximum rpm:	5300 RPM
internal clearance:	C0
series:	61
dynamic load capacity:	29.1 kN
$d_1$	128.6 mm
$d_a$ min.	125 mm
$D_a$ max.	145 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	29.1 kN
Basic static load rating $C_0$	28 kN
Fatigue load limit $P_u$	1.29 kN
Calculation factor $k_r$	0.015
Calculation factor $f_0$	13.5
Mass bearing	0.51 kg