



## BEARING FORGE OF AMERICA CORP.



60 mm x 95 mm x 18 mm skf 6012 bearing

Bearing No. 6012

6012 Bearing 2D drawings and 3D CAD models

Size	95x60x18 mm
Bore Diameter	95 mm
Outer Diameter	60 mm
Width	18 mm
d	60 mm
D	95 mm
B	18 mm
d <sub>1</sub>	71.3 mm
D <sub>2</sub>	86.5 mm
r <sub>1,2</sub> - min.	1.1 mm
d <sub>a</sub> - min.	66 mm
D <sub>a</sub> - max.	89 mm
r <sub>a</sub> - max.	1 mm
Basic dynamic load rating - C	30.7 kN
Basic static load rating - C <sub>0</sub>	23.2 kN
Fatigue load limit - P <sub>u</sub>	0.98 kN
Reference speed	15000 r/min
Limiting speed	9500 r/min
Calculation factor - k <sub>r</sub>	0.025
Calculation factor - f <sub>0</sub>	15.6
Category	Single Row Ball Bearings
Inventory	5.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.417



## BEARING FORGE OF AMERICA CORP.

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	60MM Bore; 95MM Outside Diameter; 18MM 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	6012
Weight / LBS	0.92
Bore	2.362 Inch   60 Millimeter
Outer Race Width	0.709 Inch   18 Millimeter
Outside Diameter	3.74 Inch   95 Millimeter
d <sub>1</sub>	71.3 mm
D <sub>2</sub>	86.5 mm
r <sub>1,2</sub> min.	1.1 mm
d <sub>a</sub> min.	66 mm
D <sub>a</sub> max.	89 mm



## BEARING FORGE OF AMERICA CORP.

$r_a$ max.	1 mm
Basic dynamic load rating C	30.7 kN
Basic static load rating $C_0$	23.2 kN
Fatigue load limit $P_u$	0.98 kN
Calculation factor $k_r$	0.025
Calculation factor $f_0$	15.6
Mass bearing	0.41 kg