



# BEARING CORP.OF AMERICA



## 60 mm x 95 mm x 18 mm 7017C Angular Contact Ball Bearings 85x130x22mm

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



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Weight / Kilogram	0.417
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



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$D_a$ max.	89 mm
$r_a$ 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