



# Flange Block Bearings Making Company



6010 Bearing 2D drawings and 3D CAD models

## SKF 6010 Deep Groove Ball Bearing Engine Use High Precision Bearing

Bearing No. 6010

Size	80x50x16 mm
Bore Diameter	80 mm
Outer Diameter	50 mm
Width	16 mm
d	50 mm
D	80 mm
B	16 mm
d <sub>1</sub>	59.75 mm
D <sub>2</sub>	72.8 mm
r <sub>1,2</sub> - min.	1 mm
d <sub>a</sub> - min.	54.6 mm
D <sub>a</sub> - max.	75.4 mm
r <sub>a</sub> - max.	1 mm
Basic dynamic load rating - C	22.9 kN
Basic static load rating - C <sub>0</sub>	16 kN
Fatigue load limit - P <sub>u</sub>	0.71 kN
Reference speed	18000 r/min
Limiting speed	11000 r/min
Calculation factor - k <sub>r</sub>	0.025
Calculation factor - f <sub>0</sub>	14.7
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



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Weight / Kilogram	0.27
EAN	7316577064295
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	50MM Bore; 80MM 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	6010
Weight / LBS	0.59
Bore	1.969 Inch   50 Millimeter
Outside Diameter	3.15 Inch   80 Millimeter
Outer Race Width	0.63 Inch   16 Millimeter
d <sub>1</sub>	59.75 mm
r <sub>1,2</sub> min.	1 mm
d <sub>a</sub> min.	54.6 mm



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$D_a$ max.	75.4 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	22.9 kN
Basic static load rating $C_0$	16 kN
Fatigue load limit $P_u$	0.71 kN
Calculation factor $k_r$	0.025
Calculation factor $f_0$	14.7
Mass bearing	0.26 kg