



# Baochen Machinery Technology Co., Ltd



6007 Bearing 2D drawings and 3D CAD models

## SKF NSK 6007 Deep Groove Ball Bearing for Auto Parts

Bearing No. 6007

Size	62x35x14 mm
Bore Diameter	62 mm
Outer Diameter	35 mm
Width	14 mm
d	35 mm
D	62 mm
B	14 mm
d <sub>1</sub>	43.75 mm
D <sub>2</sub>	55.61 mm
r <sub>1,2</sub> - min.	1 mm
d <sub>a</sub> - min.	39.6 mm
D <sub>a</sub> - max.	57.4 mm
r <sub>a</sub> - max.	1 mm
Basic dynamic load rating - C	16.8 kN
Basic static load rating - C <sub>0</sub>	10.2 kN
Fatigue load limit - P <sub>u</sub>	0.44 kN
Reference speed	24000 r/min
Limiting speed	15000 r/min
Calculation factor - k <sub>r</sub>	0.025
Calculation factor - f <sub>0</sub>	15
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



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Weight / Kilogram	0.157
EAN	7316577096852
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	35MM Bore; 62MM Outside Diameter; 14MM 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	6007
Weight / LBS	0.35
Outside Diameter	2.441 Inch   62 Millimeter
Outer Race Width	0.551 Inch   14 Millimeter
Bore	1.378 Inch   35 Millimeter
d <sub>1</sub>	43.75 mm
D <sub>2</sub>	55.61 mm
d <sub>a</sub> min.	39.6 mm



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$D_a$ max.	57.4 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	16.8 kN
Basic static load rating $C_0$	10.2 kN
Fatigue load limit $P_u$	0.44 kN
Calculation factor $k_r$	0.025
Calculation factor $f_0$	15
Mass bearing	0.15 kg