



# NTN BEARINGS INDUSTRY



## 70 mm x 150 mm x 35 mm SKF 6314 Bearing

Bearing No. 6314

6314 Bearing 2D drawings and 3D CAD models

Size	150x70x35 mm
Bore Diameter	150 mm
Outer Diameter	70 mm
Width	35 mm
d	70 mm
D	150 mm
B	35 mm
d <sub>1</sub>	94.95 mm
D <sub>2</sub>	129.9 mm
r <sub>1,2</sub> - min.	2.1 mm
d <sub>a</sub> - min.	82 mm
D <sub>a</sub> - max.	138 mm
r <sub>a</sub> - max.	2 mm
Basic dynamic load rating - C	111 kN
Basic static load rating - C <sub>0</sub>	68 kN
Fatigue load limit - P <sub>u</sub>	2.8 kN
Reference speed	9500 r/min
Limiting speed	6300 r/min
Calculation factor - k <sub>r</sub>	0.03
Calculation factor - f <sub>0</sub>	13.2
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	2.56



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EAN	7316577742070
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	70MM Bore; 150MM Outside Diameter; 35MM 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	6314
Weight / LBS	5.64
Bore	2.756 Inch   70 Millimeter
Outside Diameter	5.906 Inch   150 Millimeter
Outer Race Width	1.378 Inch   35 Millimeter
d <sub>1</sub>	94.95 mm
D <sub>2</sub>	129.9 mm
r <sub>1,2</sub> min.	2.1 mm
d <sub>a</sub> min.	82 mm



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$D_a$ max.	138 mm
$r_a$ max.	2 mm
Basic dynamic load rating C	111 kN
Basic static load rating $C_0$	68 kN
Fatigue load limit $P_u$	2.75 kN
Calculation factor $k_r$	0.03
Calculation factor $f_0$	13.2
Mass bearing	2.55 kg