



BEARING CORP.OF AMERICA



70 mm x 150 mm x 35 mm skf 6314 Deep groove ball bearings

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 ₁	94.95 mm
D ₂	129.9 mm
r _{1,2} - min.	2.1 mm
d _a - min.	82 mm
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	2.8 kN
Reference speed	9500 r/min
Limiting speed	6300 r/min
Calculation factor - k _r	0.03
Calculation factor - f ₀	13.2
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



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Weight / Kilogram	2.56
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	http://www.skf.com
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 ₁	94.95 mm
D ₂	129.9 mm
r _{1,2} min.	2.1 mm
d _a 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