



Bearing No. 6314-2RS1

D	150 mm
d	70 mm
B	35 mm
Bore	2.756 Inch 70 Millimeter
Noun	Bearing
UNSPSC	31171504
Category	Single Row Ball Bearing
Snap Ring	No
Size (mm)	150x70x35
Enclosure	2 Seals
Inventory	0.0
Width (mm)	35
Weight / LBS	5.767
Mass bearing	2.62 kg
Product Group	B00308
d ₁	94.95 mm
D ₂	129.9 mm
Inch - Metric	Metric
Cage Material	Steel
Bearing number	6314-2RS1
Keyword String	Ball
Enclosure Type	Contact Seal
Other Features	Deep Groove NBR Seal
Limiting speed	3000 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Manufacturer URL	http://www.skf.com
Long Description	70MM Bore; 150MM Outside Diameter;

	35MM Outer Race Width; 2 Seals; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage;
Outer Race Width	1.378 Inch 35 Millimeter
Outside Diameter	5.906 Inch 150 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Manufacturer Name	SKF
Weight / Kilogram	2.618
r _a max.	2 mm
Internal Clearance	C0-Medium
D _a max.	138 mm
d _a max.	94.9 mm
d _a min.	82 mm
Bore Diameter (mm)	150
Outer Diameter (mm)	70
r _a - max.	2 mm
r _{1,2} min.	2.1 mm
D _a - max.	138 mm
d _a - min.	82 mm
d _a - max.	94.9 mm
Minimum Buy Quantity	N/A
d ₁ ?	94.95 mm
D ₂ ?	129.9 mm
r _{1,2} - min.	2.1 mm
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6314-2RS1
Internal Special Features	No

Basic dynamic load rating C	111 kN
Basic dynamic load rating - C	111 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	2.75 kN
Calculation factor k_r	0.03
Calculation factor f_0	13.2
Fatigue load limit - P_u	2.8 kN
Calculation factor - k_r	0.03
Calculation factor - f_0	13.2
Basic static load rating C_0	68 kN
Basic static load rating - C_0	68 kN