



**Bearing No. 6314-RS1**

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	1 Seal
Inventory	0.0
Width (mm)	35
Weight / LBS	5.62
Mass bearing	2.57 kg
Product Group	B00308
d <sub>1</sub>	94.95 mm
D <sub>2</sub>	129.9 mm
Inch - Metric	Metric
Cage Material	Steel
Bearing number	6314-RS1
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	<a href="http://www.skf.com">http://www.skf.com</a>
Outer Race Width	1.378 Inch   35 Millimeter

Inner Race Width	0 Inch   0 Millimeter
Long Description	70MM Bore; 150MM Outside Diameter; 35MM Outer Race Width; 1 Seal; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage;
Outside Diameter	5.906 Inch   150 Millimeter
Manufacturer Name	SKF
Weight / Kilogram	0
r <sub>a</sub> max.	2 mm
D <sub>a</sub> max.	138 mm
d <sub>a</sub> max.	94.9 mm
d <sub>a</sub> min.	82 mm
Internal Clearance	C0-Medium
Bore Diameter (mm)	150
Outer Diameter (mm)	70
r <sub>1,2</sub> min.	2.1 mm
r <sub>a</sub> - max.	2 mm
Minimum Buy Quantity	N/A
D <sub>a</sub> - max.	138 mm
d <sub>a</sub> - max.	94.9 mm
d <sub>a</sub> - min.	82 mm
D <sub>2</sub> ?	129.9 mm
d <sub>1</sub> ?	94.95 mm
r <sub>1,2</sub> - min.	2.1 mm
Harmonized Tariff Code	8482.10.50.68
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
Calculation factor - $f_0$	13.2
Calculation factor - $k_r$	0.03
Fatigue load limit - $P_u$	2.8 kN
Basic static load rating $C_0$	68 kN
Basic static load rating - $C_0$	68 kN