



**Bearing No. 6316-2RS1**

D	170 mm
d	80 mm
B	39 mm
Bore	3.15 Inch   80 Millimeter
Noun	Bearing
UNSPSC	31171504
Category	Single Row Ball Bearing
Snap Ring	No
Size (mm)	170x80x39
Enclosure	2 Seals
Inventory	0.0
Width (mm)	39
Weight / LBS	8.1936
Mass bearing	3.7 kg
Product Group	B00308
d <sub>1</sub>	108 mm
D <sub>2</sub>	146.9 mm
Inch - Metric	Metric
Cage Material	Steel
Bearing number	6316-2RS1
Keyword String	Ball
Enclosure Type	Contact Seal
Other Features	Deep Groove   NBR Seal
Limiting speed	2600 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>
Long Description	80MM Bore; 170MM Outside Diameter; 39MM 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;
Outside Diameter	6.693 Inch   170 Millimeter
Outer Race Width	1.535 Inch   39 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Manufacturer Name	SKF
Weight / Kilogram	3.72
Bore Diameter (mm)	170
r <sub>a</sub> max.	2 mm
Internal Clearance	C0-Medium
D <sub>a</sub> max.	158 mm
d <sub>a</sub> max.	107.9 mm
d <sub>a</sub> min.	92 mm
Outer Diameter (mm)	80
r <sub>1,2</sub> min.	2.1 mm
d <sub>a</sub> - max.	107.9 mm
D <sub>a</sub> - max.	158 mm
d <sub>a</sub> - min.	92 mm
r <sub>a</sub> - max.	2 mm
Minimum Buy Quantity	N/A
d <sub>1</sub> ?	108 mm
D <sub>2</sub> ?	146.9 mm
r <sub>1,2</sub> - min.	2.1 mm
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6316-2RS1
Internal Special Features	No

Basic dynamic load rating C	130 kN
Basic dynamic load rating - C	130 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit $P_u$	3.25 kN
Calculation factor $k_r$	0.03
Calculation factor $f_0$	13.3
Fatigue load limit - $P_u$	3.2 kN
Calculation factor - $k_r$	0.03
Calculation factor - $f_0$	13.3
Basic static load rating $C_0$	86.5 kN
Basic static load rating - $C_0$	86.5 kN