



**Bearing No. 6319-2RS1**

D	200 mm
d	95 mm
B	45 mm
Bore	3.74 Inch   95 Millimeter
Noun	Bearing
UNSPSC	31171504
Category	Single Row Ball Bearing
Snap Ring	No
Size (mm)	200x95x45
Enclosure	2 Seals
Inventory	0.0
Width (mm)	45
Weight / LBS	13.0176
Mass bearing	5.85 kg
Product Group	B00308
d <sub>1</sub>	127.7 mm
D <sub>2</sub>	171.9 mm
Inch - Metric	Metric
Cage Material	Steel
Bearing number	6319-2RS1
Keyword String	Ball
Enclosure Type	Contact Seal
Other Features	Deep Groove   NBR Seal
Limiting speed	2200 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	95MM Bore; 200MM Outside Diameter; 45MM 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	7.874 Inch   200 Millimeter
Outer Race Width	1.772 Inch   45 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Manufacturer Name	SKF
Weight / Kilogram	5.787
Bore Diameter (mm)	200
r <sub>a</sub> max.	2.5 mm
Internal Clearance	C0-Medium
D <sub>a</sub> max.	186 mm
d <sub>a</sub> max.	127 mm
d <sub>a</sub> min.	109 mm
Outer Diameter (mm)	95
r <sub>1,2</sub> min.	3 mm
d <sub>a</sub> - max.	127 mm
D <sub>a</sub> - max.	186 mm
d <sub>a</sub> - min.	109 mm
r <sub>a</sub> - max.	2.5 mm
Minimum Buy Quantity	N/A
d <sub>1</sub> ?	127.7 mm
D <sub>2</sub> ?	171.9 mm
r <sub>1,2</sub> - min.	3 mm
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6319-2RS1
Internal Special Features	No

Basic dynamic load rating C	159 kN
Basic dynamic load rating - C	159 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit $P_u$	4.15 kN
Calculation factor $k_r$	0.03
Calculation factor $f_0$	13.3
Fatigue load limit - $P_u$	4.2 kN
Calculation factor - $k_r$	0.03
Calculation factor - $f_0$	13.3
Basic static load rating $C_0$	118 kN
Basic static load rating - $C_0$	118 kN