



**Bearing No. 6319-2Z**

D	200 mm
d	95 mm
B	45 mm
Bore	3.74 Inch   95 Millimeter
Noun	Bearing
UNSPSC	31171504
Category	Single Row Ball Bearing
Inventory	1.0
Enclosure	2 Metal Shields
Size (mm)	200x95x45
Snap Ring	No
Width (mm)	45
Mass bearing	5.83 kg
Weight / LBS	13.1245
Inch - Metric	Metric
Cage Material	Steel
D <sub>2</sub>	171.9 mm
d <sub>1</sub>	127.7 mm
Product Group	B00308
Other Features	Deep Groove
Keyword String	Ball
Bearing number	6319-2Z
Limiting speed	3600 r/min
Rolling Element	Ball Bearing
Reference speed	7000 r/min
Precision Class	ABEC 1   ISO P0
Inner Race Width	0 Inch   0 Millimeter
Outside Diameter	7.874 Inch   200 Millimeter
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 Metal Shields; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Ste
Outer Race Width	1.772 Inch   45 Millimeter
Weight / Kilogram	5.835
Manufacturer Name	SKF
D <sub>a</sub> max.	186 mm
Bore Diameter (mm)	200
d <sub>a</sub> max.	127 mm
Internal Clearance	C0-Medium
r <sub>a</sub> max.	2.5 mm
d <sub>a</sub> min.	109 mm
Outer Diameter (mm)	95
r <sub>a</sub> - max.	2.5 mm
D <sub>a</sub> - max.	186 mm
d <sub>a</sub> - min.	109 mm
Minimum Buy Quantity	N/A
r <sub>1,2</sub> min.	3 mm
d <sub>a</sub> - max.	127 mm
D <sub>2</sub> ?	171.9 mm
d <sub>1</sub> ?	127.7 mm
r <sub>1,2</sub> - min.	3 mm
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6319-2Z
Internal Special Features	No
Basic dynamic load	159 kN

rating C	
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
Calculation factor - $k_r$	0.03
Fatigue load limit - $P_u$	4.2 kN
Calculation factor - $f_0$	13.3
Basic static load rating $C_0$	118 kN
Basic static load rating - $C_0$	118 kN