



**Bearing No. 6315-Z**

D	160 mm
d	75 mm
B	37 mm
Bore	2.953 Inch   75 Millimeter
Noun	Bearing
UNSPSC	31171504
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	1 Metal Shield
Size (mm)	160x75x37
Snap Ring	No
Width (mm)	37
Mass bearing	3.09 kg
Weight / LBS	6.8285
Inch - Metric	Metric
Cage Material	Steel
D <sub>2</sub>	138.4 mm
d <sub>1</sub>	101.4 mm
Product Group	B00308
Other Features	Deep Groove
Keyword String	Ball
Bearing number	6315-Z
Limiting speed	5600 r/min
Rolling Element	Ball Bearing
Reference speed	9000 r/min
Precision Class	ABEC 1   ISO P0
Inner Race Width	0 Inch   0 Millimeter
Outer Race Width	1.457 Inch   37 Millimeter

Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Long Description	75MM Bore; 160MM Outside Diameter; 37MM Outer Race Width; 1 Metal Shield; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Stee
Outside Diameter	6.299 Inch   160 Millimeter
Manufacturer Name	SKF
Weight / Kilogram	3.028
D <sub>a</sub> max.	148 mm
Bore Diameter (mm)	160
d <sub>a</sub> max.	100.9 mm
Internal Clearance	C0-Medium
r <sub>a</sub> max.	2 mm
d <sub>a</sub> min.	87 mm
Outer Diameter (mm)	75
r <sub>a</sub> - max.	2 mm
D <sub>a</sub> - max.	148 mm
d <sub>a</sub> - min.	87 mm
Minimum Buy Quantity	N/A
r <sub>1,2</sub> min.	2.1 mm
d <sub>a</sub> - max.	100.9 mm
D <sub>2</sub> ?	138.4 mm
d <sub>1</sub> ?	101.4 mm
r <sub>1,2</sub> - min.	2.1 mm
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6315-Z
Internal Special Features	No

Basic dynamic load rating C	119 kN
Basic dynamic load rating - C	119 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit $P_u$	3 kN
Calculation factor $k_r$	0.03
Calculation factor $f_0$	13.2
Calculation factor - $k_r$	0.03
Fatigue load limit - $P_u$	3 kN
Calculation factor - $f_0$	13.2
Basic static load rating $C_0$	76.5 kN
Basic static load rating - $C_0$	76.5 kN