



Bearing No. 6315-2Z

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	2 Metal Shields
Size (mm)	160x75x37
Snap Ring	No
Width (mm)	37
Mass bearing	3.17 kg
Weight / LBS	6.99
Inch - Metric	Metric
Cage Material	Steel
D ₂	138.4 mm
d ₁	101.4 mm
Product Group	B00308
Keyword String	Ball
Bearing number	6315-2Z
Limiting speed	4500 r/min
Reference speed	9000 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Manufacturer URL	http://www.skf.com
Outside Diameter	6.299 Inch 160 Millimeter
Long Description	75MM Bore; 160MM Outside Diameter;

	37MM Outer Race Diameter; 2 Metal Shields; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Outer Race Width	1.457 Inch 37 Millimeter
Manufacturer Name	SKF
Weight / Kilogram	3.17
d_a max.	100.9 mm
Internal Clearance	C0-Medium
d_a min.	87 mm
Bore Diameter (mm)	160
D_a max.	148 mm
r_a max.	2 mm
Outer Diameter (mm)	75
$r_{1,2}$ min.	2.1 mm
D_a - max.	148 mm
d_a - min.	87 mm
d_a - max.	100.9 mm
r_a - max.	2 mm
Minimum Buy Quantity	N/A
d_1 ?	101.4 mm
D_2 ?	138.4 mm
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	2.1 mm
Manufacturer Item Number	6315-2Z
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