



Bearing No. 6315

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	Open
Size (mm)	160x75x37
Snap Ring	No
Width (mm)	37
Mass bearing	3.06 kg
Weight / LBS	6.82
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
Limiting speed	5600 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; Open; 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	3.1
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
r_a - max.	2 mm
d_a - min.	87 mm
D_a - max.	148 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
Internal Special Features	No
Basic dynamic load rating C	119 kN
Basic dynamic load rating - C	119 kN
Maximum Capacity / Filling Slot	No
	3 kN

Fatigue load limit P^u

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