



Bearing No. 6316-Z

D	170 mm
d	80 mm
B	39 mm
Bore	3.15 Inch 80 Millimeter
Noun	Bearing
UNSPSC	31171504
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	1 Metal Shield
Size (mm)	170x80x39
Snap Ring	No
Width (mm)	39
Mass bearing	3.67 kg
Weight / LBS	8.0883
Inch - Metric	Metric
Cage Material	Steel
D ₂	146.9 mm
d ₁	108 mm
Product Group	B00308
Other Features	Deep Groove
Keyword String	Ball
Bearing number	6316-Z
Limiting speed	5300 r/min
Rolling Element	Ball Bearing
Reference speed	8500 r/min
Precision Class	ABEC 1 ISO P0
Outside Diameter	6.693 Inch 170 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Outer Race Width	1.535 Inch 39

	Millimeter
Manufacturer URL	http://www.skf.com
Long Description	80MM Bore; 170MM Outside Diameter; 39MM 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
Manufacturer Name	SKF
Weight / Kilogram	0
Internal Clearance	C0-Medium
d_a min.	92 mm
d_a max.	107.9 mm
D_a max.	158 mm
r_a max.	2 mm
Bore Diameter (mm)	170
Outer Diameter (mm)	80
$r_{1,2}$ min.	2.1 mm
r_a - max.	2 mm
D_a - max.	158 mm
d_a - max.	107.9 mm
d_a - min.	92 mm
Minimum Buy Quantity	N/A
D_2 ?	146.9 mm
d_1 ?	108 mm
$r_{1,2}$ - min.	2.1 mm
Harmonized Tariff Code	8482.10.50.68
Internal Special Features	No
Basic dynamic load rating C	130 kN
Basic dynamic load	130 kN

rating - C	
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	3.25 kN
Calculation factor k_r	0.03
Calculation factor f_0	13.3
Calculation factor - k_r	0.03
Fatigue load limit - P_u	3.2 kN
Calculation factor - f_0	13
Basic static load rating C_0	86.5 kN
Basic static load rating - C_0	86.5 kN