



Bearing No. 6316

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	Open
Size (mm)	170x80x39
Snap Ring	No
Width (mm)	39
Mass bearing	3.63 kg
Weight / LBS	8.07
Inch - Metric	Metric
Cage Material	Steel
D ₂	146.9 mm
d ₁	108 mm
Product Group	B00308
Keyword String	Ball
Bearing number	6316
Limiting speed	5300 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Reference speed	8500 r/min
Manufacturer URL	http://www.skf.com
Long Description	80MM Bore; 170MM Outside Diameter; 39MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO

	P0; No Filling Slot; No Snap Ring; No Internal Special Features
Outer Race Width	1.535 Inch 39 Millimeter
Outside Diameter	6.693 Inch 170 Millimeter
Weight / Kilogram	3.66
Manufacturer Name	SKF
D _a max.	158 mm
r _a max.	2 mm
Bore Diameter (mm)	170
Internal Clearance	C0-Medium
d _a min.	92 mm
Outer Diameter (mm)	80
r _{1,2} min.	2.1 mm
r _a - max.	2 mm
d _a - min.	92 mm
D _a - max.	158 mm
Minimum Buy Quantity	N/A
d ₁ ?	108 mm
D ₂ ?	146.9 mm
Harmonized Tariff Code	8482.10.50.68
r _{1,2} - min.	2.1 mm
Manufacturer Item Number	6316
Internal Special Features	No
Basic dynamic load rating C	130 kN
Basic dynamic load rating - C	130 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P _u	3.25 kN

Calculation factor k_f	0.03
Calculation factor f_0	13.3
Calculation factor - k_f	0.03
Fatigue load limit - P_u	3.2 kN
Calculation factor - f_0	13.3
Basic static load rating C_0	86.5 kN
Basic static load rating - C_0	86.5 kN