



## 80 mm x 170 mm x 39 mm skf 6316 bearing

Bearing No. 6316

Size	170x80x39 mm
Bore Diameter	170 mm
Outer Diameter	80 mm
Width	39 mm
d	80 mm
D	170 mm
B	39 mm
d <sub>1</sub>	108 mm
D <sub>2</sub>	146.9 mm
r <sub>1,2</sub> - min.	2.1 mm
d <sub>a</sub> - min.	92 mm
D <sub>a</sub> - max.	158 mm
r <sub>a</sub> - max.	2 mm
Basic dynamic load rating - C	130 kN
Basic static load rating - C <sub>0</sub>	86.5 kN
Fatigue load limit - P <sub>u</sub>	3.2 kN
Reference speed	8500 r/min
Limiting speed	5300 r/min
Calculation factor - k <sub>r</sub>	0.03
Calculation factor - f <sub>0</sub>	13.3
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	3.66

6316 Bearing 2D drawings and 3D CAD models



## PRECISION BEARING CORP.

EAN	7316577099211
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
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
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	6316
Weight / LBS	8.07
Outer Race Width	1.535 Inch   39 Millimeter
Outside Diameter	6.693 Inch   170 Millimeter
Bore	3.15 Inch   80 Millimeter
d <sub>1</sub>	108 mm
D <sub>2</sub>	146.9 mm
r <sub>1,2</sub> min.	2.1 mm
d <sub>a</sub> min.	92 mm



## PRECISION BEARING CORP.

$D_a$ max.	158 mm
$r_a$ max.	2 mm
Basic dynamic load rating C	130 kN
Basic static load rating $C_0$	86.5 kN
Fatigue load limit $P_u$	3.25 kN
Calculation factor $k_r$	0.03
Calculation factor $f_0$	13.3
Mass bearing	3.63 kg