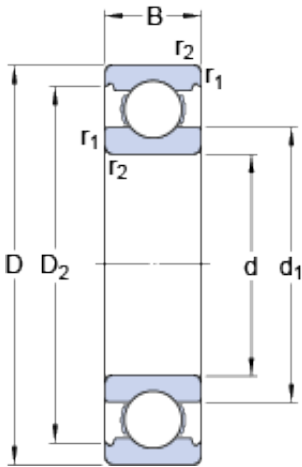




# BEARING CORP.OF AMERICA



80 mm x 170 mm x 39 mm skf 6316 Deep groove ball bearings

Bearing No. 6316

6316 Bearing 2D drawings and 3D CAD models

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



## BEARING CORP.OF AMERICA

Weight / Kilogram	3.66
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



## BEARING CORP.OF AMERICA

$D_a$ 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