



# BROWNING BEARING COMPANY



## 80 mm x 125 mm x 22 mm skf 6016 bearing

Bearing No. 6016

6016 Bearing 2D drawings and 3D CAD models

Size	125x80x22 mm
Bore Diameter	125 mm
Outer Diameter	80 mm
Width	22 mm
d	80 mm
D	125 mm
B	22 mm
d <sub>1</sub>	94.4 mm
D <sub>2</sub>	114.1 mm
r <sub>1,2</sub> - min.	1.1 mm
d <sub>a</sub> - min.	86 mm
D <sub>a</sub> - max.	119 mm
r <sub>a</sub> - max.	1 mm
Basic dynamic load rating - C	49.4 kN
Basic static load rating - C <sub>0</sub>	40 kN
Fatigue load limit - P <sub>u</sub>	1.7 kN
Reference speed	11000 r/min
Limiting speed	7000 r/min
Calculation factor - k <sub>r</sub>	0.025
Calculation factor - f <sub>0</sub>	15.6
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.889



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EAN	7316576621437
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; 125MM Outside Diameter; 22MM 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	6016
Weight / LBS	1.96
Outer Race Width	0.866 Inch   22 Millimeter
Outside Diameter	4.921 Inch   125 Millimeter
Bore	3.15 Inch   80 Millimeter
d <sub>1</sub>	94.4 mm
D <sub>2</sub>	114.1 mm
r <sub>1,2</sub> min.	1.1 mm
d <sub>a</sub> min.	86 mm



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$D_a$ max.	119 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	49.4 kN
Basic static load rating $C_0$	40 kN
Fatigue load limit $P_u$	1.66 kN
Calculation factor $k_r$	0.025
Calculation factor $f_0$	15.6
Mass bearing	0.86 kg