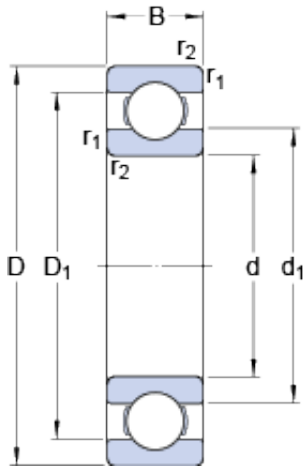




AMERICAN BEARING MFG.CORP.



6416 Bearing 2D drawings and 3D CAD models

80 mm x 200 mm x 48 mm SKF 6416 deep groove ball bearings

Bearing No. 6416

Size	200x80x48 mm
Bore Diameter	200 mm
Outer Diameter	80 mm
Width	48 mm
d	80 mm
D	200 mm
B	48 mm
d ₁	116.5 mm
D ₁	162.8 mm
r _{1,2} - min.	3 mm
d _a - min.	96 mm
D _a - max.	184 mm
r _a - max.	2.5 mm
Basic dynamic load rating - C	163 kN
Basic static load rating - C ₀	125 kN
Fatigue load limit - P _u	4.5 kN
Reference speed	7500 r/min
Limiting speed	4800 r/min
Calculation factor - k _r	0.035
Calculation factor - f ₀	12.3
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



AMERICAN BEARING MFG.CORP.

Weight / Kilogram	6.82
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; 200MM Outside Diameter; 48MM 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	http://www.skf.com
Manufacturer Item Number	6416
Weight / LBS	15.03
Outside Diameter	7.874 Inch 200 Millimeter
Outer Race Width	1.89 Inch 48 Millimeter
Bore	3.15 Inch 80 Millimeter
bore diameter:	80 mm
static load capacity:	125 kN
outside diameter:	200 mm
precision rating:	ABEC 1 (ISO Class Normal)



AMERICAN BEARING MFG.CORP.

overall width:	48 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	48 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	2.5 mm
snap ring included:	Without Snap Ring
maximum rpm:	4800 RPM
internal clearance:	C0
series:	64
dynamic load capacity:	163 kN
d_1	116.5 mm
D_1	162.8 mm
$r_{1,2}$ min.	3 mm
d_a min.	96 mm
D_a max.	184 mm
r_a max.	2.5 mm
Basic dynamic load rating C	163 kN
Basic static load rating C_0	125 kN
Fatigue load limit P_u	4.5 kN
Calculation factor k_r	0.035
Calculation factor f_0	12.3
Mass bearing	6.86 kg