



Bearing No. 6416

D	200 mm
d	80 mm
B	48 mm
Bore	3.15 Inch 80 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	64
Category	Single Row Ball Bearing
Enclosure	Open
Inventory	0.0
Size (mm)	200x80x48
Snap Ring	No
Width (mm)	48
bore type:	Round
Weight / LBS	15.03
Mass bearing	6.86 kg
maximum rpm:	4800 RPM
closure type:	Open
D ₁	162.8 mm
d ₁	116.5 mm
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00308
bore diameter:	80 mm
cage material:	Steel
Keyword String	Ball
fillet radius:	2.5 mm
overall width:	48 mm
Bearing number	6416
Limiting speed	4800 r/min

finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Reference speed	7500 r/min
Outside Diameter	7.874 Inch 200 Millimeter
Manufacturer URL	http://www.skf.com
Outer Race Width	1.89 Inch 48 Millimeter
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
Manufacturer Name	SKF
Weight / Kilogram	6.82
outer ring width:	48 mm
precision rating:	ABEC 1 (ISO Class Normal)
outside diameter:	200 mm
Internal Clearance	C0-Medium
D _a max.	184 mm
Bore Diameter (mm)	200
d _a min.	96 mm
r _a max.	2.5 mm
internal clearance:	C0
snap ring included:	Without Snap Ring
Outer Diameter (mm)	80
Minimum Buy Quantity	N/A
r _{1,2} min.	3 mm
r _a - max.	2.5 mm
D _a - max.	184 mm
d _a - min.	96 mm

static load capacity:	125 kN
d_1 ?	116.5 mm
D_1 ?	162.8 mm
row type & fill slot:	Single Row Non-Fill Slot
dynamic load capacity:	163 kN
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	3 mm
Manufacturer Item Number	6416
Internal Special Features	No
Basic dynamic load rating C	163 kN
Basic dynamic load rating - C	163 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	4.5 kN
Calculation factor k_r	0.035
Calculation factor f_0	12.3
Fatigue load limit - P_u	4.5 kN
Calculation factor - k_r	0.035
Calculation factor - f_0	12.3
Basic static load rating C_0	125 kN
Basic static load rating - C_0	125 kN