



Bearing No. 6316 M/C3VL0241

D	170 mm
d	80 mm
B	39 mm
Noun	Bearing
Bore	3.15 Inch 80 Millimeter
UNSPSC	31171504
series:	63
Category	Single Row Ball Bearing
Enclosure	Open
Snap Ring	No
Inventory	0.0
Size (mm)	170x80x39
Width (mm)	39
bore type:	Round
Mass bearing	4.17 kg
Weight / LBS	9.266
Product Group	B00308
Inch - Metric	Metric
Cage Material	Brass
D ₂	149 mm
d ₁	108 mm
closure type:	Open
Keyword String	Ball
overall width:	33 mm
bore diameter:	80 mm
Bearing number	6316 M/C3VL0241
Other Features	Deep Groove VL0241 Aluminum Oxide Coated External Surfaces
Limiting speed	5300 r/min

Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Reference speed	8500 r/min
Manufacturer URL	http://www.skf.com
Inner Race Width	0 Inch 0 Millimeter
Outer Race Width	1.535 Inch 39 Millimeter
Long Description	80MM Bore; 170MM Outside Diameter; 39MM Outer Race Width; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; Electrical Insulation on Outer Ring Internal Special Features; C3-Loose In
Outside Diameter	6.693 Inch 170 Millimeter
outer ring width:	33 mm
precision rating:	Not Rated
outside diameter:	170 mm
Weight / Kilogram	4.434
Manufacturer Name	SKF
r _a max.	2 mm
D _a max.	158 mm
D _a min.	154 mm
d _a min.	92 mm
Bore Diameter (mm)	170
Internal Clearance	C3-Loose
snap ring included:	Without Snap Ring
internal clearance:	C3
Outer Diameter (mm)	80
r _a - max.	2 mm
	154 mm

Da - min.

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$r_{1,2}$ min.	2.1 mm
d_a - min.	92 mm
D_a - max.	158 mm
Minimum Buy Quantity	N/A
d_1 ?	108 mm
D_2 ?	149 mm
row type & fill slot:	Single Row Non-Fill Slot
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6316 M/C3VL0241
Internal Special Features	Electrical Insulation on Outer Ring
Basic dynamic load rating C	124 kN
Basic dynamic load rating - C	130 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	3.25 kN
Calculation factor f_0	13.3
Calculation factor k_r	0.03
Calculation factor - f_0	13
Fatigue load limit - P_u	3.2 kN
Calculation factor - k_r	0.03
Basic static load rating C_0	86.5 kN
Basic static load rating - C_0	86.5 kN