



Bearing No. 6315 M/C3VL0241

D	160 mm
d	75 mm
B	37 mm
Noun	Bearing
Bore	2.953 Inch 75 Millimeter
UNSPSC	31171504
series:	63
Category	Single Row Ball Bearing
Size (mm)	160x75x37
Enclosure	Open
Inventory	0.0
Snap Ring	No
Width (mm)	37
bore type:	Round
Weight / LBS	7.996
Mass bearing	3.7 kg
maximum rpm:	5600 RPM
Inch - Metric	Metric
Product Group	B00308
Cage Material	Brass
D ₂	141 mm
closure type:	Open
d ₁	101.4 mm
Keyword String	Ball
bore diameter:	75 mm
cage material:	Brass
Other Features	Deep Groove VL0241 Aluminum Oxide Coated External Surfaces
fillet radius:	2 mm

overall width:	37 mm
Bearing number	6315 M/C3VL0241
Limiting speed	5600 r/min
Rolling Element	Ball Bearing
Reference speed	9000 r/min
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Inner Race Width	0 Inch 0 Millimeter
Long Description	75MM Bore; 160MM Outside Diameter; 37MM 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
Manufacturer URL	http://www.skf.com
Outer Race Width	1.457 Inch 37 Millimeter
Outside Diameter	6.299 Inch 160 Millimeter
outer ring width:	37 mm
Weight / Kilogram	3.63
precision rating:	Not Rated
Manufacturer Name	SKF
outside diameter:	160 mm
Internal Clearance	C3-Loose
d _a min.	87 mm
D _a min.	146 mm
D _a max.	148 mm
r _a max.	2 mm
Bore Diameter (mm)	160
internal clearance:	C3

Outer Diameter (mm)	75
snap ring included:	Without Snap Ring
$r_{1,2}$ min.	2.1 mm
d_a - min.	87 mm
D_a - max.	148 mm
D_a - min.	146 mm
Minimum Buy Quantity	N/A
r_a - max.	2 mm
d_1 ?	101.4 mm
row type & fill slot:	Single Row Non-Fill Slot
static load capacity:	76.5 kN
D_2 ?	141 mm
Harmonized Tariff Code	8482.10.50.68
dynamic load capacity:	119 kN
Manufacturer Item Number	6315 M/C3VL0241
Internal Special Features	Electrical Insulation on Outer Ring
Basic dynamic load rating C	114 kN
Basic dynamic load rating - C	119 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	3 kN
Calculation factor k_r	0.03
Calculation factor f_0	13.2
Fatigue load limit - P_u	3 kN
Calculation factor - k_r	0.03
Calculation factor - f_0	13
Basic static load rating C_0	76.5 kN
Basic static load rating - C_0	76.5 kN

