



Bearing No. 6317 M/C3VL0241

D	180 mm
d	85 mm
B	41 mm
Bore	3.346 Inch 85 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	63
Category	Single Row Ball Bearing
Size (mm)	180x85x41
Snap Ring	No
Enclosure	Open
Inventory	0.0
Width (mm)	41
bore type:	Round
maximum rpm:	5000 RPM
Weight / LBS	11.108
Mass bearing	4.79 kg
D ₂	158 mm
Cage Material	Brass
closure type:	Open
d ₁	114.55 mm
Inch - Metric	Metric
Product Group	B00308
cage material:	Brass
overall width:	41 mm
bore diameter:	85 mm
Keyword String	Ball
Other Features	Deep Groove VL0241 Aluminum Oxide Coated External Surfaces

Bearing number	6317 M/C3VL0241
Limiting speed	5000 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Reference speed	8000 r/min
Manufacturer URL	http://www.skf.com
Outer Race Width	1.614 Inch 41 Millimeter
Long Description	85MM Bore; 180MM Outside Diameter; 41MM 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
Inner Race Width	0 Inch 0 Millimeter
Outside Diameter	7.087 Inch 180 Millimeter
outer ring width:	41 mm
outside diameter:	180 mm
precision rating:	Not Rated
Manufacturer Name	SKF
Weight / Kilogram	5.043
r _a max.	2.5 mm
D _a max.	166 mm
D _a min.	163 mm
d _a min.	99 mm
Internal Clearance	C3-Loose
Bore Diameter (mm)	180
internal clearance:	C3
snap ring included:	Without Snap Ring

Outer Diameter (mm)	85
D_a - max.	166 mm
$r_{1,2}$ min.	3 mm
r_a - max.	2.5 mm
Minimum Buy Quantity	N/A
D_a - min.	163 mm
d_a - min.	99 mm
d_1 ?	114.55 mm
D_2 ?	158 mm
row type & fill slot:	Single Row Non-Fill Slot
dynamic load capacity:	140 kN
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	3 mm
Manufacturer Item Number	6317 M/C3VL0241
Internal Special Features	Electrical Insulation on Outer Ring
Basic dynamic load rating C	133 kN
Basic dynamic load rating - C	140 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	3.55 kN
Calculation factor k_r	0.03
Calculation factor f_0	13.3
Calculation factor - k_r	0.03
Calculation factor - f_0	13
Fatigue load limit - P_u	3.6 kN
Basic static load rating C_0	96.5 kN
Basic static load rating - C_0	96.5 kN