



NTN-BOWER LTD.



85 mm x 180 mm x 41 mm SKF 6317 M/C3VL0241 GERMANY Bearing 85*180*41

Bearing No. 6317 M/C3VL0241

6317 M/C3VL0241 Bearing 2D drawings and 3D CAD models

Size	180x85x41 mm
Bore Diameter	180 mm
Outer Diameter	85 mm
Width	41 mm
d	85 mm
D	180 mm
B	41 mm
d ₁	114.55 mm
D ₂	158 mm
r _{1,2} - min.	3 mm
d _a - min.	99 mm
D _a - min.	163 mm
D _a - max.	166 mm
r _a - max.	2.5 mm
Basic dynamic load rating - C	140 kN
Basic static load rating - C ₀	96.5 kN
Fatigue load limit - P _u	3.6 kN
Reference speed	8000 r/min
Limiting speed	5000 r/min
Calculation factor - k _r	0.03
Calculation factor - f ₀	13
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF



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Minimum Buy Quantity	N/A
Weight / Kilogram	5.043
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	Electrical Insulation on Outer Ring
Cage Material	Brass
Internal Clearance	C3-Loose
Inch - Metric	Metric
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
Other Features	Deep Groove VL0241 Aluminum Oxide Coated External Surfaces
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	6317 M/C3VL0241
Weight / LBS	11.108
Outside Diameter	7.087 Inch 180 Millimeter
Bore	3.346 Inch 85 Millimeter



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Inner Race Width	0 Inch 0 Millimeter
Outer Race Width	1.614 Inch 41 Millimeter
bore diameter:	85 mm
dynamic load capacity:	140 kN
outside diameter:	180 mm
precision rating:	Not Rated
overall width:	41 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Brass
closure type:	Open
outer ring width:	41 mm
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm:	5000 RPM
snap ring included:	Without Snap Ring
series:	63
internal clearance:	C3
d_1	114.55 mm
D_2	158 mm
$r_{1,2}$ min.	3 mm
d_a min.	99 mm
D_a min.	163 mm
D_a max.	166 mm
r_a max.	2.5 mm
Basic dynamic load rating C	133 kN
Basic static load rating C_0	96.5 kN
Fatigue load limit P_u	3.55 kN
Calculation factor k_r	0.03
Calculation factor f_0	13.3
Mass bearing	4.79 kg