



BEARING-MALAYSIA SDN.BHD.



75 mm x 160 mm x 37 mm SKF
6315/C3VL0241 deep groove ball bearings

Bearing No. 6315/C3VL0241

6315/C3VL0241 Bearing 2D drawings and 3D CAD models

Size	160x75x37 mm
Bore Diameter	160 mm
Outer Diameter	75 mm
Width	37 mm
d	75 mm
D	160 mm
B	37 mm
d ₁	101.4 mm
D ₂	141 mm
d _a - min.	87 mm
D _a - min.	146 mm
D _a - max.	148 mm
r _a - max.	2 mm
Basic dynamic load rating - C	119 kN
Basic static load rating - C ₀	76.5 kN
Fatigue load limit - P _u	3 kN
Reference speed	9000 r/min
Limiting speed	5600 r/min
Calculation factor - k _r	0.03
Calculation factor - f ₀	13
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



BEARING-MALAYSIA SDN.BHD.

Weight / Kilogram	3.105
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	Steel
Internal Clearance	C3-Loose
Inch - Metric	Metric
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
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	6315/C3VL0241
Weight / LBS	6.8385
Outside Diameter	6.299 Inch 160 Millimeter
Outer Race Width	1.457 Inch 37 Millimeter
Inner Race Width	0 Inch 0 Millimeter



BEARING-MALAYSIA SDN.BHD.

Bore	2.953 Inch 75 Millimeter
bore diameter:	75 mm
static load capacity:	76.5 kN
outside diameter:	160 mm
precision rating:	Not Rated
overall width:	37 mm
finish/coating:	Aluminum Oxide
bore type:	Round
outer ring width:	37 mm
closure type:	Open
fillet radius:	2 mm
snap ring included:	Without Snap Ring
maximum rpm:	5600 RPM
internal clearance:	C3
series:	63
dynamic load capacity:	119 kN
resistance features:	Current-Insulating Coating
d_1	101.4 mm
D_2	141 mm
$r_{1,2}$ min.	2.1 mm
d_a min.	87 mm
D_a min.	146 mm
D_a max.	148 mm
r_a max.	2 mm
Basic dynamic load rating C	114 kN
Basic static load rating C_0	76.5 kN
Fatigue load limit P_u	3 kN
Calculation factor k_r	0.03
Calculation factor f_0	13.2
Mass bearing	3.05 kg