



BEARING-MALAYSIA SDN.BHD.



75 mm x 160 mm x 37 mm SKF 1315 self aligning ball bearings

Bearing No. 1315

1315 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	104.8 mm
D ₁	135.2 mm
r _{1,2} - min.	2.1 mm
d _a - min.	87 mm
D _a - max.	148 mm
r _a - max.	2 mm
Basic dynamic load rating - C	79.3 kN
Basic static load rating - C ₀	30 kN
Fatigue load limit - P _u	1.4 kN
Reference speed	8000 r/min
Limiting speed	5600 r/min
Calculation factor - k _r	0.045
Calculation factor - e	0.22
Calculation factor - Y ₀	2.8
Calculation factor - Y ₁	2.9
Calculation factor - Y ₂	4.5



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Category	Self Aligning Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	3.583
Product Group	B00152
Mounting Method	Shaft
Enclosure	Open
Rolling Element	Ball Bearing
Cage Material	Steel
Precision Class	ABEC 1 ISO P0
Internal Clearance	C0-Medium
Number of Rows of Balls	Double Row
Other Features	Allowable Misalignment 3 Deg
Long Description	75MM Bore; Shaft Mount; 160MM Outside Diameter; 37MM Inner Race Width; 37MM Outer Race Width; Open; Steel Cage; Double Row of Balls; ABEC 1 ISO P0; C0-Medium
Inch - Metric	Metric
Category	Self Aligning Ball Bearings
UNSPSC	31171532
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Self Aligning
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	1315
Weight / LBS	7.893
Inner Race Width	1.457 Inch 37 Millimeter
Bore	2.953 Inch 75 Millimeter
Outside Diameter	6.299 Inch 160 Millimeter



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Outer Race Width	1.457 Inch 37 Millimeter
bore diameter:	75 mm
precision rating:	Not Rated
outside diameter:	160 mm
maximum rpm:	5600 RPM
overall width:	37 mm
cage material:	Steel
bore type:	Straight
finish/coating:	Uncoated
closure type:	Open
outer ring width:	37 mm
internal clearance:	C0
fillet radius:	2 mm
dynamic load capacity:	79.3 kN
series:	1300
static load capacity:	30 kN
d_1	104.8 mm
D_1	135.2 mm
$r_{1,2}$ min.	2.1 mm
d_a min.	87 mm
D_a max.	148 mm
r_a max.	2 mm
Basic dynamic load rating C	79.3 kN
Basic static load rating C_0	30 kN
Fatigue load limit P_u	1.43 kN
Permissible angular misalignment	3 °
Calculation factor k_r	0.045
Calculation factor e	0.22
Calculation factor Y_0	2.8
Calculation factor Y_1	2.9
Calculation factor Y_2	4.5
Mass bearing	3.55 kg



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