



RHP BEARING EXPORTED LTD



2313 M Bearing 2D drawings and 3D CAD models

65 mm x 140 mm x 48 mm SKF 2313 M Self Aligning Ball Bearings

Bearing No. 2313 M

Category	Self Aligning Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	3.6
EAN	7316576605260
Product Group	B00152
Mounting Method	Shaft
Enclosure	Open
Rolling Element	Ball Bearing
Cage Material	Brass
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	65MM Bore; Shaft Mount; 140MM Outside Diameter; 48MM Inner Race Width; 48MM Outer Race Width; Open; Brass 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



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Keyword String	Self Aligning
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	2313 M
Weight / LBS	7.937
Inner Race Width	1.89 Inch 48 Millimeter
D	5.512 Inch 140 Millimeter
d	2.559 Inch 65 Millimeter
Outer Race Width	1.89 Inch 48 Millimeter
bore diameter:	65 mm
precision rating:	Not Rated
outside diameter:	140 mm
maximum rpm:	6300 RPM
overall width:	48 mm
cage material:	Brass
bore type:	Straight
finish/coating:	Uncoated
closure type:	Open
outer ring width:	48 mm
internal clearance:	C0
fillet radius:	2 mm
dynamic load capacity:	95.6 kN
series:	2300
static load capacity:	32.5 kN
d	65 mm
D	140 mm
B	48 mm
d ₁	86 mm
D ₁	119.1 mm
r _{1,2} min.	2.1 mm
d _a min.	77 mm
D _a max.	128 mm
r _a max.	2 mm



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Basic dynamic load rating C	95.6 kN
Basic static load rating C_0	32.5 kN
Fatigue load limit P_u	1.66 kN
Reference speed	9000 r/min
Limiting speed	6300 r/min
Permissible angular misalignment	3 °
Calculation factor k_r	0.05
Calculation factor e	0.37
Calculation factor Y_0	1.8
Calculation factor Y_1	1.7
Calculation factor Y_2	2.6
Mass bearing	3.61 kg