



QM INDUSTRIES BEARING LIMITED



2317 M Bearing 2D drawings and 3D CAD models

85 mm x 180 mm x 60 mm SKF 2317 M
SWEDEN Bearing 360*600*192

Bearing No. 2317 M

Category	Self Aligning Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	7.06
EAN	7316576605840
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	85MM Bore; Shaft Mount; 180MM Outside Diameter; 60MM Inner Race Width; 60MM 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	2317 M
Weight / LBS	15.543
d	3.346 Inch 85 Millimeter
Outer Race Width	2.362 Inch 60 Millimeter
Inner Race Width	2.362 Inch 60 Millimeter
D	7.087 Inch 180 Millimeter
bore diameter:	85 mm
precision rating:	Not Rated
outside diameter:	180 mm
maximum rpm:	4800 RPM
overall width:	60 mm
cage material:	Brass
bore type:	Straight
finish/coating:	Uncoated
closure type:	Open
outer ring width:	60 mm
internal clearance:	C0
fillet radius:	3 mm
dynamic load capacity:	140 kN
series:	2300
static load capacity:	51 kN
d	85 mm
D	180 mm
B	60 mm
d ₁	115 mm
D ₁	153.5 mm
r _{1,2} min.	3 mm
d _a min.	99 mm
D _a max.	166 mm
r _a max.	3 mm



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Basic dynamic load rating C	140 kN
Basic static load rating C_0	51 kN
Fatigue load limit P_u	2.28 kN
Reference speed	6700 r/min
Limiting speed	4800 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	7.05 kg