



SNR Bearing Argentina



2306 M Bearing 2D drawings and 3D CAD models

30 mm x 72 mm x 27 mm SKF 2306 M Self Aligning Ball Bearings

Bearing No. 2306 M

Category	Self Aligning Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.55
EAN	7316576608742
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	30MM Bore; Shaft Mount; 72MM Outside Diameter; 27MM Inner Race Width; 27MM 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	2306 M
Weight / LBS	1.213
D	2.835 Inch 72 Millimeter
Outer Race Width	1.063 Inch 27 Millimeter
Inner Race Width	1.063 Inch 27 Millimeter
d	1.181 Inch 30 Millimeter
bore diameter:	30 mm
precision rating:	Not Rated
outside diameter:	72 mm
maximum rpm:	13000 RPM
overall width:	27 mm
cage material:	Brass
bore type:	Straight
finish/coating:	Uncoated
closure type:	Open
outer ring width:	27 mm
internal clearance:	C0
fillet radius:	1.1 mm
dynamic load capacity:	31.2 kN
series:	2300
static load capacity:	8.8 kN
d	30 mm
D	72 mm
B	27 mm
d ₁	41.9 mm
D ₁	59.8 mm
r _{1,2} min.	1.1 mm
d _a min.	37 mm
D _a max.	65 mm
r _a max.	1.1 mm



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Basic dynamic load rating C	31.2 kN
Basic static load rating C_0	8.8 kN
Fatigue load limit P_u	0.45 kN
Reference speed	18000 r/min
Limiting speed	13000 r/min
Permissible angular misalignment	3 °
Calculation factor k_r	0.05
Calculation factor e	0.44
Calculation factor Y_0	1.4
Calculation factor Y_1	1.4
Calculation factor Y_2	2.2
Mass bearing	0.56 kg