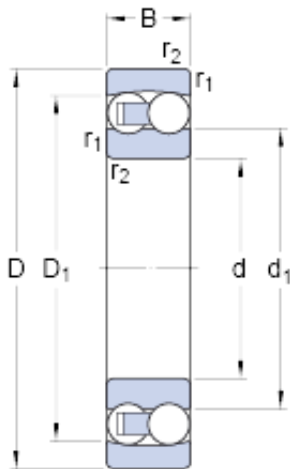




MianKang Bearing Co., Ltd.



2312 Bearing 2D drawings and 3D CAD models

skf 2312 bearing

Bearing No. 2312

Size	130x60x46 mm
Bore Diameter	130 mm
Outer Diameter	60 mm
Width	46 mm
d	60 mm
D	130 mm
B	46 mm
d ₁	77.1 mm
D ₁	109.2 mm
r _{1,2} - min.	2.1 mm
d _a - min.	72 mm
D _a - max.	118 mm
r _a - max.	2 mm
Basic dynamic load rating - C	87.1 kN
Basic static load rating - C ₀	28.5 kN
Fatigue load limit - P _u	1.5 kN
Reference speed	9500 r/min
Limiting speed	7000 r/min
Calculation factor - k _r	0.05
Calculation factor - e	0.33
Calculation factor - Y ₀	2
Calculation factor - Y ₁	1.9
Calculation factor - Y ₂	3
Category	Self Aligning Ball Bearings



MianKang Bearing Co., Ltd.

Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	2.656
EAN	7316576605253
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	60MM Bore; Shaft Mount; 130MM Outside Diameter; 46MM Inner Race Width; 46MM 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	2312
Weight / LBS	5.851
Bore	2.362 Inch 60 Millimeter
Outside Diameter	5.118 Inch 130 Millimeter
Inner Race Width	1.811 Inch 46 Millimeter



MianKang Bearing Co., Ltd.

Outer Race Width	1.811 Inch 46 Millimeter
bore diameter:	60 mm
static load capacity:	28.5 kN
outside diameter:	130 mm
precision rating:	Not Rated
overall width:	46 mm
maximum rpm:	7000 RPM
bore type:	Straight
finish/coating:	Uncoated
closure type:	Open
outer ring width:	46 mm
internal clearance:	C0
fillet radius:	2 mm
dynamic load capacity:	87.1 kN
series:	2300
d_1	77.1 mm
D_1	109.2 mm
$r_{1,2}$ min.	2.1 mm
d_a min.	72 mm
D_a max.	118 mm
r_a max.	2 mm
Basic dynamic load rating C	87.1 kN
Basic static load rating C_0	28.5 kN
Fatigue load limit P_u	1.46 kN
Permissible angular misalignment	3 °
Calculation factor k_r	0.05
Calculation factor e	0.33
Calculation factor Y_0	2
Calculation factor Y_1	1.9
Calculation factor Y_2	3
Mass bearing	2.6 kg