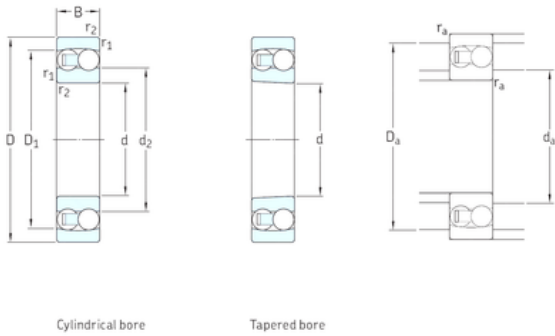




# MianKang Bearing Co., Ltd.



Cylindrical bore

Tapered bore

## skf 2310 bearing

Bearing No. 2310

Size	50x110x40 mm
Bore Diameter	50 mm
Outer Diameter	110 mm
Width	40 mm
d	50 mm
D	110 mm
B	40 mm
C	40 mm
d2	65,8 mm
r1 min.	2 mm
r2 min.	2 mm
D1	94,4 mm
da min.	61 mm
Da max.	99 mm
ra max.	2 mm
Weight	1,65 Kg
Basic dynamic load rating (C)	63,7 kN
Basic static load rating (C0)	20 kN
Fatigue load limit (Pu)	1,04
Reference speed	14000 r/min
Limiting speed	9500 r/min
Calculation factor (e)	0,43
Calculation factor (kr)	0,05
Calculation factor (Y0)	1,6
Calculation factor (Y1)	1,5
Category	Self Aligning Ball Bearings

2310 Bearing 2D drawings and 3D CAD models



## MianKang Bearing Co., Ltd.

Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.663
EAN	7316576605147
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	50MM Bore; Shaft Mount; 110MM Outside Diameter; 40MM Inner Race Width; 40MM 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	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	2310
Weight / LBS	3.664
Bore	1.969 Inch   50 Millimeter
Outside Diameter	4.331 Inch   110 Millimeter
Inner Race Width	1.575 Inch   40 Millimeter



## MianKang Bearing Co., Ltd.

Outer Race Width	1.575 Inch   40 Millimeter
bore diameter:	50 mm
static load capacity:	20 kN
outside diameter:	110 mm
precision rating:	Not Rated
overall width:	40 mm
maximum rpm:	9500 RPM
bore type:	Straight
finish/coating:	Uncoated
closure type:	Open
outer ring width:	40 mm
internal clearance:	C0
fillet radius:	1.1 mm
dynamic load capacity:	63.7 kN
series:	2300
$d_1$	66 mm
$D_1$	92.5 mm
$r_{1,2}$ min.	2 mm
$d_a$ min.	61 mm
$D_a$ max.	99 mm
$r_a$ max.	2 mm
Basic dynamic load rating C	63.7 kN
Basic static load rating $C_0$	20 kN
Fatigue load limit $P_u$	1.04 kN
Permissible angular misalignment	3 °
Calculation factor $k_r$	0.05
Calculation factor e	0.43
Calculation factor $Y_0$	1.6
Calculation factor $Y_1$	1.5
Calculation factor $Y_2$	2.3
Mass bearing	1.65 kg