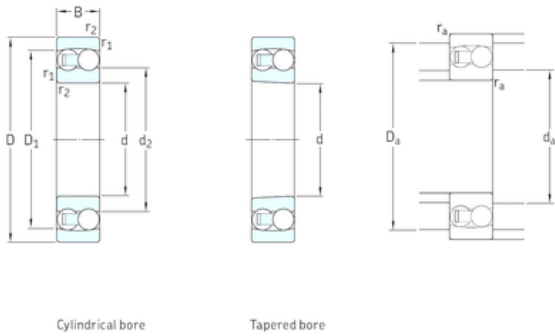




BEARING DRIVESHAFT, INC.



Cylindrical bore

Tapered bore

55 mm x 120 mm x 43 mm skf 2311 bearing

Bearing No. 2311

Size	55x120x43 mm
Bore Diameter	55 mm
Outer Diameter	120 mm
Width	43 mm
d	55 mm
D	120 mm
B	43 mm
C	43 mm
d2	72 mm
r1 min.	2 mm
r2 min.	2 mm
D1	103 mm
da min.	66 mm
Da max.	109 mm
ra max.	2 mm
Weight	2,1 Kg
Basic dynamic load rating (C)	76,1 kN
Basic static load rating (C0)	24 kN
Fatigue load limit (Pu)	1,25
Reference speed	11000 r/min
Limiting speed	7500 r/min
Calculation factor (e)	0,4
Calculation factor (kr)	0,05
Calculation factor (Y0)	1,6
Calculation factor (Y1)	1,6
Category	Self Aligning Ball Bearings

2311 Bearing 2D drawings and 3D CAD models



BEARING DRIVESHAFT, INC.

Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	2.142
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	55MM Bore; Shaft Mount; 120MM Outside Diameter; 43MM Inner Race Width; 43MM 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	2311
Weight / LBS	4.718
Outside Diameter	4.724 Inch 120 Millimeter
Bore	2.165 Inch 55 Millimeter
Inner Race Width	1.693 Inch 43 Millimeter
Outer Race Width	1.693 Inch 43 Millimeter



BEARING DRIVESHAFT, INC.

bore diameter:	55 mm
static load capacity:	24 kN
outside diameter:	120 mm
precision rating:	Not Rated
overall width:	43 mm
maximum rpm:	7500 RPM
bore type:	Straight
finish/coating:	Uncoated
closure type:	Open
outer ring width:	43 mm
internal clearance:	C0
fillet radius:	2 mm
dynamic load capacity:	76.1 kN
series:	2300
d_1	72 mm
D_1	101 mm
$r_{1,2}$ min.	2 mm
d_a min.	66 mm
D_a max.	109 mm
r_a max.	2 mm
Basic dynamic load rating C	76.1 kN
Basic static load rating C_0	24 kN
Fatigue load limit P_u	1.25 kN
Permissible angular misalignment	3 °
Calculation factor k_r	0.05
Calculation factor e	0.4
Calculation factor Y_0	1.6
Calculation factor Y_1	1.6
Calculation factor Y_2	2.4
Mass bearing	2.1 kg