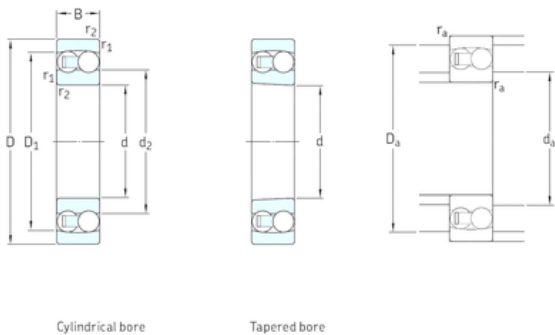




# BEARING FORGE OF AMERICA CORP.



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 FORGE OF AMERICA CORP.

Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	2.142
EAN	7316576605215
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	<a href="http://www.skf.com">http://www.skf.com</a>
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



## BEARING FORGE OF AMERICA CORP.

Outer Race Width	1.693 Inch   43 Millimeter
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