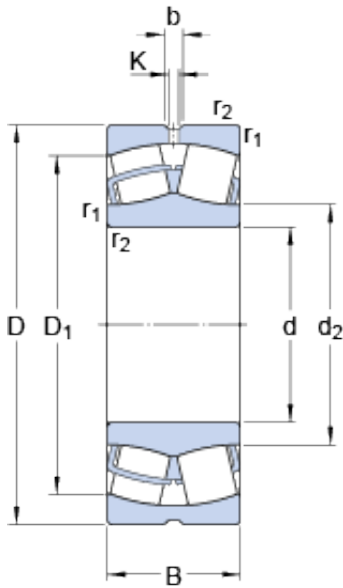




## FAG BEARING CORP.

150 mm x 270 mm x 96 mm SKF 23230  
CC/W33 AUSTRIA Bearing 150\*270\*96



Bearing No. 23230 CC/W33

23230 CC/W33 Bearing 2D drawings and 3D CAD models

Size	270x150x96 mm
Bore Diameter	270 mm
Outer Diameter	150 mm
Width	96 mm
d	150 mm
D	270 mm
B	96 mm
d <sub>2</sub>	175 mm
D <sub>1</sub>	228 mm
b	11.1 mm
K	6 mm
r <sub>1,2</sub> - min.	3 mm
d <sub>a</sub> - min.	164 mm
D <sub>a</sub> - max.	256 mm
r <sub>a</sub> - max.	2.5 mm
Basic dynamic load rating - C	1129 kN
Basic static load rating - C <sub>0</sub>	1460 kN
Fatigue load limit - P <sub>u</sub>	137 kN
Reference speed	1600 r/min
Limiting speed	2200 r/min
Calculation factor - e	0.35
Calculation factor - Y <sub>1</sub>	1.9
Calculation factor - Y <sub>2</sub>	2.9
Calculation factor - Y <sub>0</sub>	1.8



## FAG BEARING CORP.

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	23.751
Product Group	B04311
Internal Clearance	C0-Medium
Mounting Method	Shaft Mount
Rolling Element	Spherical Roller Bearing
Bore Profile	Straight
Cage Material	Steel
Enclosure	Open
Number of Rows of Rollers	Double Row
Relubricatable	Yes
Withdrawal Sleeve	Not Applicable
Withdrawal Nut	Not Applicable
Inch - Metric	Metric
Long Description	150MM Straight Bore; 270MM Outside Diameter; 96MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
Category	Spherical Roller Bearing
UNSPSC	31171510
Harmonized Tariff Code	84823080
Noun	Bearing
Keyword String	Spherical
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Weight / LBS	52.316
Width	3.78 Inch   96 Millimeter
Adapter Part Number	Not Applicable Inch   Not



## FAG BEARING CORP.

	Applicable Millimeter
Outside Diameter	10.63 Inch   270 Millimeter
Bore	5.906 Inch   150 Millimeter
bore diameter:	150 mm
maximum rpm:	2200 RPM
outside diameter:	270 mm
operating temperature range:	Maximum of +390 ° F
overall width:	96 mm
cage material:	Steel
bore type:	Straight
bearing material:	Steel
outer ring type:	Not Split
cage type:	Inner Ring Guided
internal clearance:	C0
precision rating:	Not Rated
closure type:	Open
finish/coating:	Uncoated
lubrication hole type:	Lubrication Groove & Hole
outer ring width:	96 mm
dynamic load capacity:	1080 kN
fillet radius:	2.5 mm
static load capacity:	1460 kN
series:	232
$d_2$	175 mm
$D_1$	228 mm
$r_{1,2}$ min.	3 mm
$d_a$ min.	164 mm
$D_a$ max.	256 mm
$r_a$ max.	2.5 mm
Basic dynamic load rating C	1129 kN
Basic static load rating $C_0$	1460 kN
Fatigue load limit $P_u$	137 kN



## FAG BEARING CORP.

Calculation factor e	0.35
Calculation factor $Y_1$	1.9
Calculation factor $Y_2$	2.9
Calculation factor $Y_0$	1.8
Mass bearing	24.5 kg