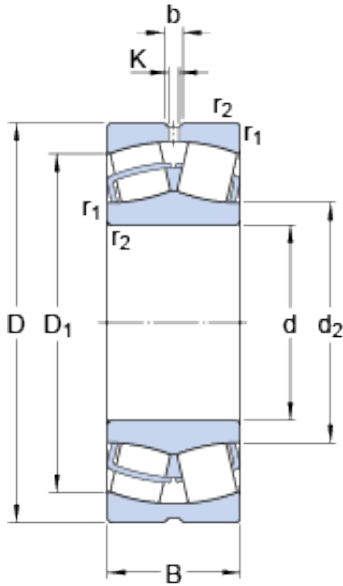




AMERICAN BEARING MFG.CORP.

150 mm x 225 mm x 56 mm SKF 23030 CC/W33 spherical roller bearings

Bearing No. 23030 CC/W33



23030 CC/W33 Bearing 2D drawings and 3D CAD models

Size	225x150x56 mm
Bore Diameter	225 mm
Outer Diameter	150 mm
Width	56 mm
d	150 mm
D	225 mm
B	56 mm
d ₂	169 mm
D ₁	203 mm
b	8.3 mm
K	4.5 mm
r _{1,2} - min.	2.1 mm
d _a - min.	161 mm
D _a - max.	214 mm
r _a - max.	2 mm
Basic dynamic load rating - C	531 kN
Basic static load rating - C ₀	750 kN
Fatigue load limit - P _u	73.5 kN
Reference speed	2400 r/min
Limiting speed	3200 r/min
Calculation factor - e	0.22
Calculation factor - Y ₁	3
Calculation factor - Y ₂	4.6
Calculation factor - Y ₀	2.8



AMERICAN BEARING MFG.CORP.

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	7.757
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; 225MM Outside Diameter; 56MM 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	http://www.skf.com
Weight / LBS	16.932
Width	2.205 Inch 56 Millimeter
Adapter Part Number	Not Applicable Inch Not



AMERICAN BEARING MFG.CORP.

	Applicable Millimeter
Outside Diameter	8.858 Inch 225 Millimeter
Bore	5.906 Inch 150 Millimeter
bore diameter:	150 mm
maximum rpm:	3200 RPM
outside diameter:	225 mm
operating temperature range:	Maximum of +390 ° F
overall width:	56 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:	56 mm
dynamic load capacity:	510 kN
fillet radius:	2 mm
static load capacity:	750 kN
series:	230
d_2	169 mm
D_1	203 mm
$r_{1,2}$ min.	2.1 mm
d_a min.	161 mm
D_a max.	214 mm
r_a max.	2 mm
Basic dynamic load rating C	531 kN
Basic static load rating C_0	750 kN
Fatigue load limit P_u	73.5 kN



AMERICAN BEARING MFG.CORP.

Calculation factor e	0.22
Calculation factor Y_1	3
Calculation factor Y_2	4.6
Calculation factor Y_0	2.8
Mass bearing	7.95 kg