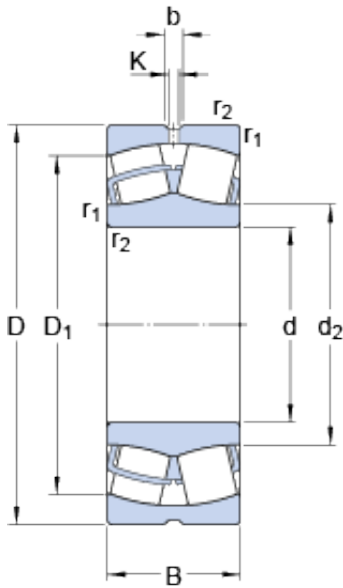




BEARING DRIVESHAFT, INC.

110 mm x 170 mm x 45 mm SKF 23022
CC/W33 spherical roller bearings



23022 CC/W33 Bearing 2D drawings and 3D CAD models

Bearing No. 23022 CC/W33

Size	170x110x45 mm
Bore Diameter	170 mm
Outer Diameter	110 mm
Width	45 mm
d	110 mm
D	170 mm
B	45 mm
d ₂	125 mm
D ₁	151 mm
b	6 mm
K	3 mm
r _{1,2} - min.	2 mm
d _a - min.	119 mm
D _a - max.	161 mm
r _a - max.	2 mm
Basic dynamic load rating - C	326 kN
Basic static load rating - C ₀	440 kN
Fatigue load limit - P _u	46.5 kN
Reference speed	3400 r/min
Limiting speed	4300 r/min
Calculation factor - e	0.23
Calculation factor - Y ₁	2.9
Calculation factor - Y ₂	4.4
Calculation factor - Y ₀	2.8



BEARING DRIVESHAFT, INC.

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	3.769
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	110MM Straight Bore; 170MM Outside Diameter; 45MM 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	8.302
Width	1.772 Inch 45 Millimeter
Bore	4.331 Inch 110 Millimeter



BEARING DRIVESHAFT, INC.

Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
Outside Diameter	6.693 Inch 170 Millimeter
bore diameter:	110 mm
maximum rpm:	4300 RPM
outside diameter:	170 mm
operating temperature range:	Maximum of +390 ° F
overall width:	45 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:	45 mm
dynamic load capacity:	310 kN
fillet radius:	2 mm
static load capacity:	440 kN
series:	230
d_2	125 mm
D_1	151 mm
$r_{1,2}$ min.	2 mm
d_a min.	119 mm
D_a max.	161 mm
r_a max.	2 mm
Basic dynamic load rating C	326 kN
Basic static load rating C_0	440 kN
Fatigue load limit P_u	46.5 kN



BEARING DRIVESHAFT, INC.

Calculation factor e	0.23
Calculation factor Y_1	2.9
Calculation factor Y_2	4.4
Calculation factor Y_0	2.8
Mass bearing	3.8 kg