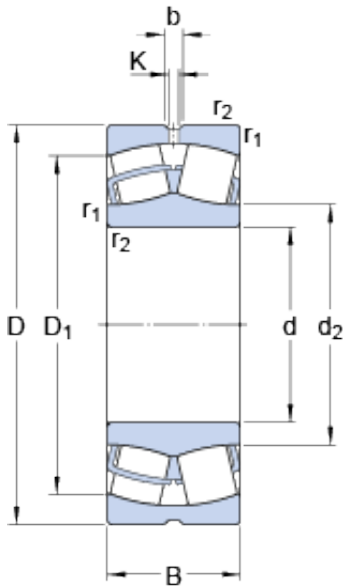




FAG BEARING CORP.

120 mm x 180 mm x 60 mm SKF 24024
CC/W33 AUSTRIA Bearing 120 × 180 × 60



Bearing No. 24024 CC/W33

24024 CC/W33 Bearing 2D drawings and 3D CAD models

Size	180x120x60 mm
Bore Diameter	180 mm
Outer Diameter	120 mm
Width	60 mm
d	120 mm
D	180 mm
B	60 mm
d ₂	132 mm
D ₁	159 mm
b	6 mm
K	3 mm
r _{1,2} - min.	2 mm
d _a - min.	129 mm
D _a - max.	171 mm
r _a - max.	2 mm
Basic dynamic load rating - C	456 kN
Basic static load rating - C ₀	670 kN
Fatigue load limit - P _u	68 kN
Reference speed	2400 r/min
Limiting speed	3400 r/min
Calculation factor - e	0.3
Calculation factor - Y ₁	2.3
Calculation factor - Y ₂	3.4
Calculation factor - Y ₀	2.2



FAG BEARING CORP.

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	5.31
EAN	7316577016331
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	120MM Straight Bore; 180MM Outside Diameter; 60MM 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	11.696
Bore	4.724 Inch 120 Millimeter



FAG BEARING CORP.

Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
Width	2.362 Inch 60 Millimeter
Outside Diameter	7.087 Inch 180 Millimeter
bore diameter:	120 mm
maximum rpm:	3400 RPM
outside diameter:	180 mm
operating temperature range:	Maximum of +390 ° F
overall width:	60 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:	60 mm
dynamic load capacity:	430 kN
fillet radius:	2 mm
static load capacity:	670 kN
series:	240
d_2	132 mm
D_1	159 mm
$r_{1,2}$ min.	2 mm
d_a min.	129 mm
D_a max.	171 mm
r_a max.	2 mm
Basic dynamic load rating C	456 kN
Basic static load rating C_0	670 kN



FAG BEARING CORP.

Fatigue load limit P_u	68 kN
Calculation factor e	0.3
Calculation factor Y_1	2.3
Calculation factor Y_2	3.4
Calculation factor Y_0	2.2
Mass bearing	5.45 kg