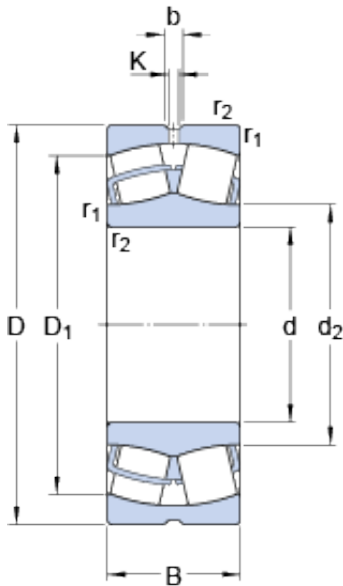




FAG BEARING CORP.

220 mm x 300 mm x 60 mm SKF 23944
CC/W33 AUSTRIA Bearing 220*300*60



Bearing No. 23944 CC/W33

23944 CC/W33 Bearing 2D drawings and 3D CAD models

Size	300x220x60 mm
Bore Diameter	300 mm
Outer Diameter	220 mm
Width	60 mm
d	220 mm
D	300 mm
B	60 mm
d ₂	241 mm
D ₁	278 mm
b	8.3 mm
K	4.5 mm
r _{1,2} - min.	2.1 mm
d _a - min.	231 mm
D _a - max.	289 mm
r _a - max.	2 mm
Basic dynamic load rating - C	661 kN
Basic static load rating - C ₀	1080 kN
Fatigue load limit - P _u	93 kN
Reference speed	2000 r/min
Limiting speed	2200 r/min
Calculation factor - e	0.16
Calculation factor - Y ₁	4.2
Calculation factor - Y ₂	6.3
Calculation factor - Y ₀	4



FAG BEARING CORP.

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	14.263
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	220MM Straight Bore; 300MM 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	27.273
Bore	8.661 Inch 220 Millimeter
Outside Diameter	11.811 Inch 300 Millimeter



FAG BEARING CORP.

Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
Width	2.362 Inch 60 Millimeter
bore diameter:	220 mm
maximum rpm:	2200 RPM
outside diameter:	300 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:	630 kN
fillet radius:	2 mm
static load capacity:	1080 kN
series:	239
d_2	241 mm
D_1	278 mm
$r_{1,2}$ min.	2.1 mm
d_a min.	231 mm
D_a max.	289 mm
r_a max.	2 mm
Basic dynamic load rating C	661 kN
Basic static load rating C_0	1080 kN
Fatigue load limit P_u	93 kN



FAG BEARING CORP.

Calculation factor e	0.16
Calculation factor Y_1	4.2
Calculation factor Y_2	6.3
Calculation factor Y_0	4
Mass bearing	12.5 kg