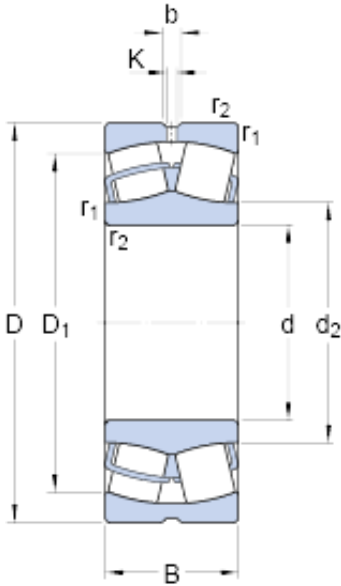




# CSC BEARING GROUP limited

## 200 mm x 310 mm x 109 mm SKF 24040 CC/W33 Spherical roller bearing

Bearing No. 24040 CC/W33



24040 CC/W33 Bearing 2D drawings and 3D CAD models

Size	310x200x109 mm
Bore Diameter	310 mm
Outer Diameter	200 mm
Width	109 mm
d	200 mm
D	310 mm
B	109 mm
d <sub>2</sub>	223 mm
D <sub>1</sub>	268 mm
b	11.1 mm
K	6 mm
r <sub>1,2</sub> - min.	2.1 mm
d <sub>a</sub> - min.	211 mm
D <sub>a</sub> - max.	299 mm
r <sub>a</sub> - max.	2 mm
Basic dynamic load rating - C	1353 kN
Basic static load rating - C <sub>0</sub>	2120 kN
Fatigue load limit - P <sub>u</sub>	186 kN
Reference speed	1300 r/min
Limiting speed	1900 r/min
Calculation factor - e	0.33
Calculation factor - Y <sub>1</sub>	2
Calculation factor - Y <sub>2</sub>	3
Calculation factor - Y <sub>0</sub>	2



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Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	31.718
EAN	7316570852509
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	200MM Straight Bore; 310MM Outside Diameter; 109MM 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	69.864
Outside Diameter	12.205 Inch   310 Millimeter



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Width	4.291 Inch   109 Millimeter
Bore	7.874 Inch   200 Millimeter
Adapter Part Number	Not Applicable Inch   Not Applicable Millimeter
bore diameter:	200 mm
maximum rpm:	1900 RPM
outside diameter:	310 mm
operating temperature range:	Maximum of +390 ° F
overall width:	109 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:	109 mm
dynamic load capacity:	1290 kN
fillet radius:	2 mm
static load capacity:	2120 kN
series:	240
$d_2$	223 mm
$D_1$	268 mm
$r_{1,2}$ min.	2.1 mm
$d_a$ min.	211 mm
$D_a$ max.	299 mm
$r_a$ max.	2 mm
Basic dynamic load rating C	1353 kN
Basic static load rating $C_0$	2120 kN



## CSC BEARING GROUP limited

Fatigue load limit $P_u$	186 kN
Calculation factor $e$	0.33
Calculation factor $Y_1$	2
Calculation factor $Y_2$	3
Calculation factor $Y_0$	2
Mass bearing	31 kg