



Bearing No. 23138 CC/W33

b	13.9 mm
K	7.5 mm
d	190 mm
D	320 mm
B	104 mm
Noun	Bearing
Bore	7.48 Inch 190 Millimeter
Width	4.094 Inch 104 Millimeter
UNSPSC	31171510
series:	231
Category	Spherical Roller Bearing
Size (mm)	320x190x104
Enclosure	Open
Inventory	0.0
bore type:	Straight
Width (mm)	104
cage type:	Inner Ring Guided
maximum rpm:	2000 RPM
Weight / LBS	78.749
Bore Profile	Straight
Mass bearing	35 kg
D ₁	275 mm
Cage Material	Steel
closure type:	Open
d ₂	220 mm
Product Group	B04311
Inch - Metric	Metric
fillet radius:	2.5 mm

cage material:	Steel
overall width:	104 mm
bore diameter:	190 mm
Keyword String	Spherical
Withdrawal Nut	Not Applicable
Relubricatable	Yes
Bearing number	23138 CC/W33
Limiting speed	2000 r/min
finish/coating:	Uncoated
Rolling Element	Spherical Roller Bearing
Mounting Method	Shaft Mount
Reference speed	1500 r/min
outer ring type:	Not Split
Manufacturer URL	http://www.skf.com
Long Description	190MM Straight Bore; 320MM Outside Diameter; 104MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
Outside Diameter	12.598 Inch 320 Millimeter
outside diameter:	320 mm
bearing material:	Steel
outer ring width:	104 mm
Weight / Kilogram	35.752
Withdrawal Sleeve	Not Applicable
precision rating:	Not Rated
Manufacturer Name	SKF
d _a min.	204 mm
Bore Diameter (mm)	320

D_a max.	306 mm
r_a max.	2.5 mm
Internal Clearance	C0-Medium
internal clearance:	C0
Outer Diameter (mm)	190
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
$r_{1,2}$ min.	3 mm
Minimum Buy Quantity	N/A
d_a - min.	204 mm
D_a - max.	306 mm
r_a - max.	2.5 mm
Calculation factor e	0.31
D_1 ?	275 mm
d_2 ?	220 mm
static load capacity:	2080 kN
Calculation factor - e	0.31
dynamic load capacity:	1370 kN
$r_{1,2}$ - min.	3 mm
lubrication hole type:	Lubrication Groove & Hole
Harmonized Tariff Code	84823080
Number of Rows of Rollers	Double Row
Basic dynamic load rating C	1456 kN
operating temperature range:	Maximum of +390 °F
Basic dynamic load rating - C	1456 kN
Calculation factor Y_1	2.2
Fatigue load limit P_u	183 kN
Calculation factor Y_2	3.3
Calculation factor Y_0	2.2

Calculation factor - Y_1	2.2
Calculation factor - Y_2	3.3
Calculation factor - Y_0	2.2
Fatigue load limit - P_u	183 kN
Basic static load rating C_0	2080 kN
Basic static load rating - C_0	2080 kN