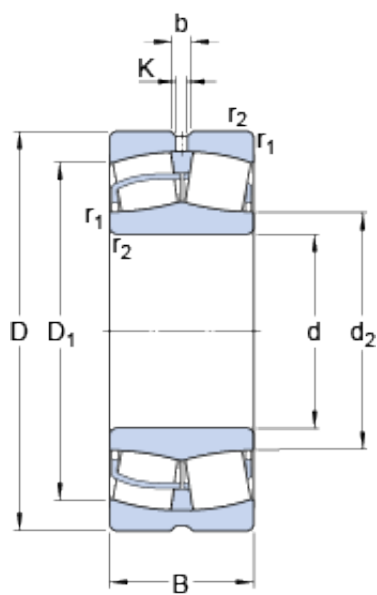




Bearing No. 22340 CCJA/W33VA405

b	22.3 mm
K	12 mm
d	200 mm
D	420 mm
B	138 mm
Noun	Bearing
Bore	7.874 Inch 200 Millimeter
Width	5.433 Inch 138 Millimeter
UNSPSC	31171510
series:	223
Category	Spherical Roller Bearing
Size (mm)	420x200x138
Enclosure	Open
Inventory	0.0
cage type:	Outer Ring Guided
bore type:	Straight
Width (mm)	138
application:	Vibratory Applications
Weight / LBS	209.88
maximum rpm:	1500 RPM
Bore Profile	Straight
Mass bearing	95 kg
Product Group	B04311
Inch - Metric	Metric
closure type:	Open
d ₂	249 mm
Cage Material	Steel
D ₁	351 mm

Keyword String	Spherical
Relubricatable	Yes
bore diameter:	200 mm
cage material:	Steel
Bearing number	22340 CCJA/W33VA405
overall width:	138 mm
Limiting speed	1500 r/min
fillet radius:	4 mm
Withdrawal Nut	Not Applicable
Mounting Method	Shaft Mount
Rolling Element	Spherical Roller Bearing
Reference speed	1200 r/min
finish/coating:	Uncoated
outer ring type:	Not Split
Outside Diameter	16.535 Inch 420 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	200MM Straight Bore; 420MM Outside Diameter; 138MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
outside diameter:	420 mm
outer ring width:	138 mm
precision rating:	Not Rated
Manufacturer Name	SKF
Weight / Kilogram	95.286
bearing material:	Steel
Withdrawal Sleeve	Not Applicable
Internal Clearance	C0-Medium

r_a max.	4 mm
d_a min.	220 mm
Bore Diameter (mm)	420
D_a max.	400 mm
Outer Diameter (mm)	200
internal clearance:	C0
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
d_a - min.	220 mm
Minimum Buy Quantity	N/A
D_a - max.	400 mm
$r_{1,2}$ min.	5 mm
r_a - max.	4 mm
Calculation factor e	0.33
D_1 ?	351 mm
d_2 ?	249 mm
static load capacity:	2900 kN
dynamic load capacity:	2320 kN
Calculation factor - e	0.33
Harmonized Tariff Code	84823080
lubrication hole type:	Lubrication Groove & Hole
$r_{1,2}$ - min.	5 mm
Number of Rows of Rollers	Double Row
Basic dynamic load rating C	2439 kN
operating temperature range:	Maximum of +390 °F
Basic dynamic load rating - C	2439 kN
Fatigue load limit P_u	224 kN
Calculation factor Y_1	2
Calculation factor Y_2	3

Calculation factor Y_0	2
Calculation factor - Y_2	3
Fatigue load limit - P_u	224 kN
Calculation factor - Y_0	2
Calculation factor - Y_1	2
Basic static load rating C_0	2900 kN
Basic static load rating - C_0	2900 kN
Permissible linear acceleration (oil lubrication)	167 g [m/s]
Permissible rotational acceleration (oil lubrication)	540 g [m/s]