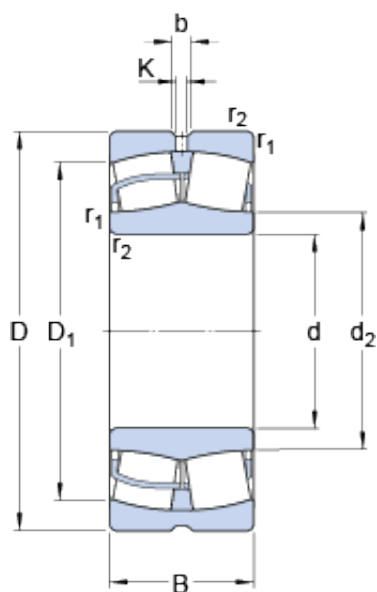




Bearing No. 22324 CCJA/W33VA405

b	13.9 mm
K	7.5 mm
d	120 mm
D	260 mm
B	86 mm
Noun	Bearing
Bore	4.724 Inch 120 Millimeter
Width	3.386 Inch 86 Millimeter
UNSPSC	31171510
series:	223
Category	Spherical Roller Bearing
Size (mm)	260x120x86
Enclosure	Open
Inventory	0.0
cage type:	Outer Ring Guided
bore type:	Straight
Width (mm)	86
application:	Vibratory Applications
Weight / LBS	49.5
maximum rpm:	2600 RPM
Bore Profile	Straight
Mass bearing	23 kg
Product Group	B04311
Inch - Metric	Metric
closure type:	Open
d ₂	152 mm
Cage Material	Steel
D ₁	216 mm

Keyword String	Spherical
Relubricatable	Yes
bore diameter:	120 mm
cage material:	Steel
Bearing number	22324 CCJA/W33VA405
overall width:	4.3800 in
Limiting speed	2600 r/min
fillet radius:	2.5 mm
Withdrawal Nut	Not Applicable
Mounting Method	Shaft Mount
Rolling Element	Spherical Roller Bearing
Reference speed	2000 r/min
finish/coating:	Uncoated
outer ring type:	Not Split
Outside Diameter	10.236 Inch 260 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	120MM Straight Bore; 260MM Outside Diameter; 86MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
outside diameter:	260 mm
outer ring width:	86 mm
precision rating:	Not Rated
Manufacturer Name	SKF
Weight / Kilogram	22.473
bearing material:	Steel
Withdrawal Sleeve	Not Applicable
Internal Clearance	C0-Medium

r_a max.	2.5 mm
d_a min.	134 mm
Bore Diameter (mm)	260
D_a max.	246 mm
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
Outer Diameter (mm)	120
internal clearance:	C0
D_a - max.	246 mm
d_a - min.	134 mm
Minimum Buy Quantity	N/A
Calculation factor e	0.35
$r_{1,2}$ min.	3 mm
r_a - max.	2.5 mm
static load capacity:	1120 kN
D_1 ?	216 mm
d_2 ?	152 mm
lubrication hole type:	Lubrication Groove & Hole
Harmonized Tariff Code	84823080
dynamic load capacity:	965 kN
$r_{1,2}$ - min.	3 mm
Calculation factor - e	0.35
Number of Rows of Rollers	Double Row
Basic dynamic load rating C	1019 kN
operating temperature range:	Maximum of +390 °F
Basic dynamic load rating - C	1019 kN
Fatigue load limit P_u	100 kN
Calculation factor Y_1	1.9
Calculation factor Y_2	2.9

Calculation factor Y_0	1.8
Calculation factor - Y_2	2.9
Fatigue load limit - P_u	100 kN
Calculation factor - Y_0	1.8
Calculation factor - Y_1	1.9
Basic static load rating C_0	1120 kN
Basic static load rating - C_0	1120 kN
Permissible linear acceleration (oil lubrication)	206 g [m/s]
Permissible rotational acceleration (oil lubrication)	942 g [m/s]