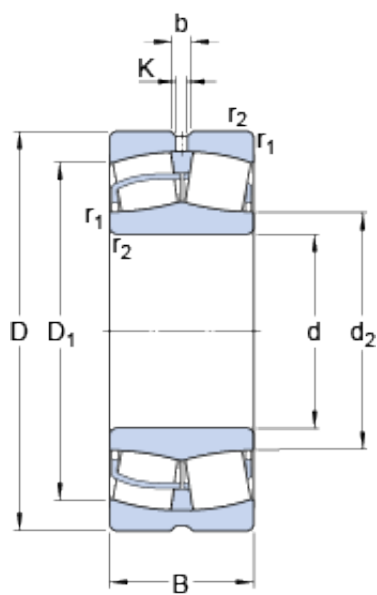




Bearing No. 22330 CCJA/W33VA405

b	16.7 mm
K	9 mm
d	150 mm
D	320 mm
B	108 mm
Noun	Bearing
Bore	5.906 Inch 150 Millimeter
Width	4.252 Inch 108 Millimeter
UNSPSC	31171510
series:	223
Category	Spherical Roller Bearing
Size (mm)	320x150x108
Enclosure	Open
Inventory	0.0
cage type:	Outer Ring Guided
bore type:	Straight
Width (mm)	108
application:	Vibratory Applications
Weight / LBS	95.681
maximum rpm:	2000 RPM
Bore Profile	Straight
Mass bearing	43.5 kg
Product Group	B04311
Inch - Metric	Metric
closure type:	Open
d ₂	188 mm
Cage Material	Steel
D ₁	266 mm

Keyword String	Spherical
Relubricatable	Yes
bore diameter:	150 mm
cage material:	Steel
Bearing number	22330 CCJA/W33VA405
overall width:	4.3800 in
Limiting speed	2000 r/min
fillet radius:	3 mm
Withdrawal Nut	Not Applicable
Mounting Method	Shaft Mount
Rolling Element	Spherical Roller Bearing
Reference speed	1600 r/min
finish/coating:	Uncoated
outer ring type:	Not Split
Outside Diameter	12.598 Inch 320 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	150MM Straight Bore; 320MM Outside Diameter; 108MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
outside diameter:	320 mm
outer ring width:	108 mm
precision rating:	Not Rated
Manufacturer Name	SKF
Weight / Kilogram	43.439
bearing material:	Steel
Withdrawal Sleeve	Not Applicable
Internal Clearance	C0-Medium

r_a max.	3 mm
d_a min.	167 mm
Bore Diameter (mm)	320
D_a max.	303 mm
Outer Diameter (mm)	150
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
internal clearance:	C0
D_a - max.	303 mm
d_a - min.	167 mm
Minimum Buy Quantity	N/A
Calculation factor e	0.35
$r_{1,2}$ min.	4 mm
r_a - max.	3 mm
static load capacity:	1760 kN
D_1 ?	266 mm
d_2 ?	188 mm
lubrication hole type:	Lubrication Groove & Hole
Harmonized Tariff Code	84823080
dynamic load capacity:	1460 kN
$r_{1,2}$ - min.	4 mm
Calculation factor - e	0.35
Number of Rows of Rollers	Double Row
Basic dynamic load rating C	1539 kN
operating temperature range:	Maximum of +390 °F
Basic dynamic load rating - C	1539 kN
Fatigue load limit P_u	146 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	146 kN
Calculation factor - Y_0	1.8
Calculation factor - Y_1	1.9
Basic static load rating C_0	1760 kN
Basic static load rating - C_0	1760 kN
Permissible linear acceleration (oil lubrication)	186 g [m/s]
Permissible rotational acceleration (oil lubrication)	706 g [m/s]