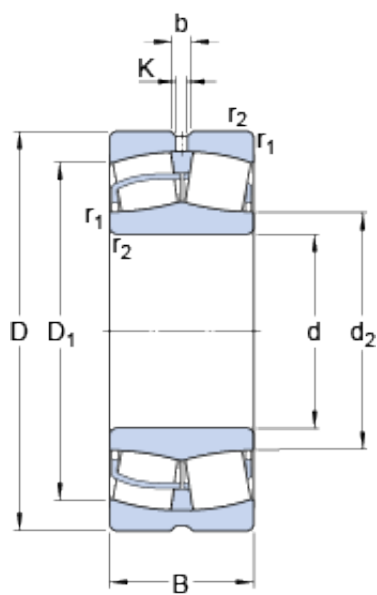




Bearing No. 22328 CCJA/W33VA405

b	16.7 mm
K	9 mm
d	140 mm
D	300 mm
B	102 mm
Noun	Bearing
Bore	5.512 Inch 140 Millimeter
Width	4.016 Inch 102 Millimeter
UNSPSC	31171510
series:	223
Category	Spherical Roller Bearing
Size (mm)	300x140x102
Enclosure	Open
Inventory	0.0
cage type:	Outer Ring Guided
bore type:	Straight
Width (mm)	102
application:	Vibratory Applications
Weight / LBS	80.689
maximum rpm:	2200 RPM
Bore Profile	Straight
Mass bearing	36.5 kg
Product Group	B04311
Inch - Metric	Metric
closure type:	Open
d ₂	175 mm
Cage Material	Steel
D ₁	247 mm

Keyword String	Spherical
Relubricatable	Yes
bore diameter:	140 mm
cage material:	Steel
Bearing number	22328 CCJA/W33VA405
overall width:	102 mm
Limiting speed	2200 r/min
fillet radius:	3 mm
Withdrawal Nut	Not Applicable
Mounting Method	Shaft Mount
Rolling Element	Spherical Roller Bearing
Reference speed	1700 r/min
finish/coating:	Uncoated
outer ring type:	Not Split
Outside Diameter	11.811 Inch 300 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	140MM Straight Bore; 300MM Outside Diameter; 102MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
outside diameter:	300 mm
outer ring width:	102 mm
precision rating:	Not Rated
Manufacturer Name	SKF
Weight / Kilogram	36.63
bearing material:	Steel
Withdrawal Sleeve	Not Applicable
Internal Clearance	C0-Medium

r_a max.	3 mm
d_a min.	157 mm
Bore Diameter (mm)	300
D_a max.	283 mm
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
Outer Diameter (mm)	140
internal clearance:	C0
D_a - max.	283 mm
Calculation factor e	0.35
Minimum Buy Quantity	N/A
d_a - min.	157 mm
$r_{1,2}$ min.	4 mm
r_a - max.	3 mm
static load capacity:	1560 kN
D_1 ?	247 mm
d_2 ?	175 mm
lubrication hole type:	Lubrication Groove & Hole
Harmonized Tariff Code	84823080
dynamic load capacity:	1290 kN
$r_{1,2}$ - min.	4 mm
Calculation factor - e	0.35
Number of Rows of Rollers	Double Row
Basic dynamic load rating C	1357 kN
operating temperature range:	Maximum of +390 °F
Basic dynamic load rating - C	1357 kN
Fatigue load limit P_u	132 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	132 kN
Calculation factor - Y_0	1.8
Calculation factor - Y_1	1.9
Basic static load rating C_0	1560 kN
Basic static load rating - C_0	1560 kN
Permissible linear acceleration (oil lubrication)	196 g [m/s]
Permissible rotational acceleration (oil lubrication)	765 g [m/s]