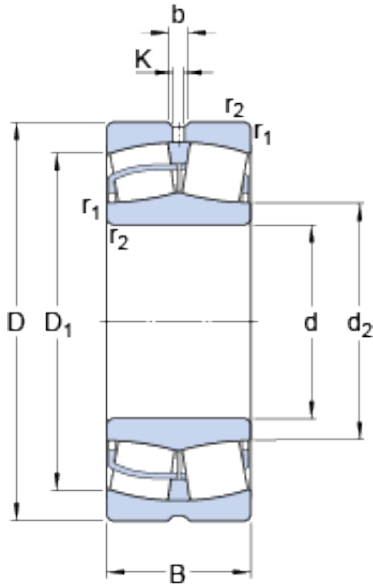




# BEARING CORP. LTD.

## 140 mm x 300 mm x 102 mm SKF 22328 CCJA/W33VA406 spherical roller bearings

Bearing No. 22328 CCJA/W33VA406



22328 CCJA/W33VA406 Bearing 2D drawings and 3D  
CAD models

Size	300x140x102 mm
Bore Diameter	300 mm
Outer Diameter	140 mm
Width	102 mm
d	140 mm
D	300 mm
B	102 mm
d <sub>2</sub>	175 mm
D <sub>1</sub>	247 mm
b	16.7 mm
K	9 mm
r <sub>1,2</sub> - min.	4 mm
d <sub>a</sub> - min.	157 mm
D <sub>a</sub> - max.	283 mm
r <sub>a</sub> - max.	3 mm
Basic dynamic load rating - C	1357 kN
Basic static load rating - C <sub>0</sub>	1560 kN
Fatigue load limit - P <sub>u</sub>	132 kN
Reference speed	1700 r/min
Limiting speed	2200 r/min
Calculation factor - e	0.35
Calculation factor - Y <sub>1</sub>	1.9
Calculation factor - Y <sub>2</sub>	2.9
Calculation factor - Y <sub>0</sub>	1.8



## BEARING CORP. LTD.

Permissible rotational acceleration (oil lubrication)	765 g [m/s]
Permissible linear acceleration (oil lubrication)	196 g [m/s]
Category	Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	36.633
Product Group	B04311
bore diameter:	140 mm
maximum rpm:	2200 RPM
outside diameter:	300 mm
operating temperature range:	Maximum of +390 ° F
overall width:	102 mm
cage material:	Steel
bore type:	Straight
bearing material:	Steel
outer ring type:	Not Split
cage type:	Outer Ring Guided
internal clearance:	C0
precision rating:	Not Rated
closure type:	Open
finish/coating:	PTFE
lubrication hole type:	Lubrication Groove & Hole
outer ring width:	102 mm
dynamic load capacity:	1290 kN
fillet radius:	3 mm
static load capacity:	1560 kN
series:	223
d <sub>2</sub>	175 mm



## BEARING CORP. LTD.

$D_1$	247 mm
$r_{1,2}$ min.	4 mm
$d_a$ min.	157 mm
$D_a$ max.	283 mm
$r_a$ max.	3 mm
Basic dynamic load rating C	1357 kN
Basic static load rating $C_0$	1560 kN
Fatigue load limit $P_u$	132 kN
Calculation factor e	0.35
Calculation factor $Y_1$	1.9
Calculation factor $Y_2$	2.9
Calculation factor $Y_0$	1.8
Mass bearing	36.5 kg