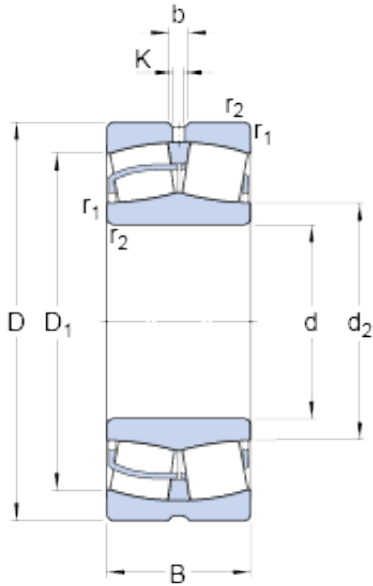




## Changzhou Suma Precision Machinery Co...



22324 CCJA/W33VA405 Bearing 2D drawings and 3D CAD models

### 120 mm x 260 mm x 86 mm SKF 22324 CCJA/W33VA405 spherical roller bearings

Bearing No. 22324 CCJA/W33VA405

Size	260x120x86 mm
Bore Diameter	260 mm
Outer Diameter	120 mm
Width	86 mm
d	120 mm
D	260 mm
B	86 mm
d <sub>2</sub>	152 mm
D <sub>1</sub>	216 mm
b	13.9 mm
K	7.5 mm
r <sub>1,2</sub> - min.	3 mm
d <sub>a</sub> - min.	134 mm
D <sub>a</sub> - max.	246 mm
r <sub>a</sub> - max.	2.5 mm
Basic dynamic load rating - C	1019 kN
Basic static load rating - C <sub>0</sub>	1120 kN
Fatigue load limit - P <sub>u</sub>	100 kN
Reference speed	2000 r/min
Limiting speed	2600 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



## Changzhou Suma Precision Machinery Co...

Permissible rotational acceleration (oil lubrication)	942 g [m/s]
Permissible linear acceleration (oil lubrication)	206 g [m/s]
Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	22.473
EAN	7316571001500
Product Group	B04311
Internal Clearance	C0-Medium
Mounting Method	Shaft Mount
Rolling Element	Spherical Roller Bearing
Bore Profile	Straight
Cage Material	Steel
Enclosure	Open
Number of Rows of Rollers	Double Row
Relubricatable	Yes
Withdrawal Sleeve	Not Applicable
Withdrawal Nut	Not Applicable
Inch - Metric	Metric
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
Category	Spherical Roller Bearing
UNSPSC	31171510
Harmonized Tariff Code	84823080



## Changzhou Suma Precision Machinery Co...

Noun	Bearing
Keyword String	Spherical
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Weight / LBS	49.5
Bore	4.724 Inch   120 Millimeter
Outside Diameter	10.236 Inch   260 Millimeter
Adapter Part Number	Not Applicable Inch   Not Applicable Millimeter
Width	3.386 Inch   86 Millimeter
bore diameter:	120 mm
operating temperature range:	Maximum of +390 ° F
outside diameter:	260 mm
cage material:	Steel
overall width:	4.3800 in
bearing material:	Steel
bore type:	Straight
cage type:	Outer Ring Guided
outer ring type:	Not Split
precision rating:	Not Rated
internal clearance:	C0
application:	Vibratory Applications
closure type:	Open
finish/coating:	Uncoated
lubrication hole type:	Lubrication Groove & Hole
outer ring width:	86 mm
dynamic load capacity:	965 kN
fillet radius:	2.5 mm
static load capacity:	1120 kN
series:	223
maximum rpm:	2600 RPM
d <sub>2</sub>	152 mm
D <sub>1</sub>	216 mm



## Changzhou Suma Precision Machinery Co...

$r_{1,2}$ min.	3 mm
$d_a$ min.	134 mm
$D_a$ max.	246 mm
$r_a$ max.	2.5 mm
Basic dynamic load rating C	1019 kN
Basic static load rating $C_0$	1120 kN
Fatigue load limit $P_u$	100 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	23 kg