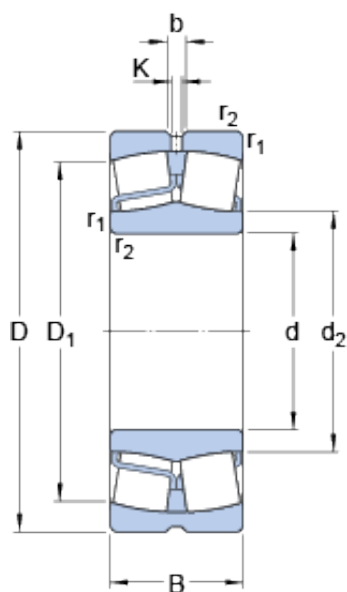




Bearing No. 22320 EJA/VA405

b	11.1 mm
K	6 mm
d	100 mm
D	215 mm
B	73 mm
Noun	Bearing
Bore	3.937 Inch 100 Millimeter
Width	2.874 Inch 73 Millimeter
UNSPSC	31171510
series:	223
Category	Spherical Roller Bearing
Size (mm)	215x100x73
Enclosure	Open
Inventory	2.0
cage type:	Outer Ring Guided
bore type:	Straight
Width (mm)	73
application:	Vibratory Applications
Weight / LBS	28.521
maximum rpm:	3000 RPM
Bore Profile	Straight
Mass bearing	13.5 kg
Product Group	B04311
Inch - Metric	Metric
closure type:	Open
d ₂	130 mm
Cage Material	Steel
D ₁	184 mm

Keyword String	Spherical
Relubricatable	Yes
bore diameter:	100 mm
cage material:	Steel
Bearing number	22320 EJA/VA405
overall width:	4.3800 in
Limiting speed	3000 r/min
fillet radius:	2.5 mm
Withdrawal Nut	Not Applicable
Mounting Method	Shaft Mount
Rolling Element	Spherical Roller Bearing
Reference speed	2400 r/min
finish/coating:	Uncoated
outer ring type:	Not Split
Outside Diameter	8.465 Inch 215 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	100MM Straight Bore; 215MM Outside Diameter; 73MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
outside diameter:	215 mm
outer ring width:	73 mm
precision rating:	Not Rated
Manufacturer Name	SKF
Weight / Kilogram	12.949
bearing material:	Steel
Withdrawal Sleeve	Not Applicable
Internal Clearance	C0-Medium

r_a max.	2.5 mm
d_a min.	114 mm
Bore Diameter (mm)	215
D_a max.	201 mm
Outer Diameter (mm)	100
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
internal clearance:	C0
D_a - max.	201 mm
d_a - min.	114 mm
Minimum Buy Quantity	N/A
Calculation factor e	0.33
$r_{1,2}$ min.	3 mm
r_a - max.	2.5 mm
static load capacity:	950 kN
D_1 ?	184 mm
d_2 ?	130 mm
lubrication hole type:	Lubrication Groove & Hole
Harmonized Tariff Code	84823080
dynamic load capacity:	815 kN
$r_{1,2}$ - min.	3 mm
Calculation factor - e	0.33
Number of Rows of Rollers	Double Row
Basic dynamic load rating C	847 kN
operating temperature range:	Maximum of +390 °F
Basic dynamic load rating - C	847 kN
Fatigue load limit P_u	88 kN
Calculation factor Y_1	2
Calculation factor Y_2	3

Calculation factor Y_0	2
Calculation factor - Y_2	3
Fatigue load limit - P_u	88 kN
Calculation factor - Y_0	2
Calculation factor - Y_1	2
Basic static load rating C_0	950 kN
Basic static load rating - C_0	950 kN
Permissible linear acceleration (oil lubrication)	196 g [m/s]
Permissible rotational acceleration (oil lubrication)	549 g [m/s]