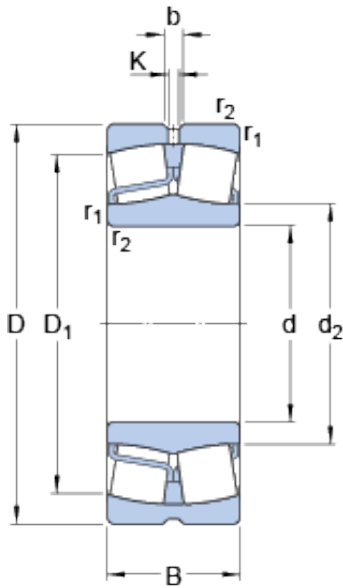




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22322 EJA/VA405 Bearing 2D drawings and 3D CAD models

110 mm x 240 mm x 80 mm SKF 22322 EJA/VA405 spherical roller bearings

Bearing No. 22322 EJA/VA405

Size	240x110x80 mm
Bore Diameter	240 mm
Outer Diameter	110 mm
Width	80 mm
d	110 mm
D	240 mm
B	80 mm
d ₂	143 mm
D ₁	204 mm
b	13.9 mm
K	7.5 mm
r _{1,2} - min.	3 mm
d _a - min.	124 mm
D _a - max.	226 mm
r _a - max.	2.5 mm
Basic dynamic load rating - C	989 kN
Basic static load rating - C ₀	1120 kN
Fatigue load limit - P _u	100 kN
Reference speed	2000 r/min
Limiting speed	2800 r/min
Calculation factor - e	0.33
Calculation factor - Y ₁	2
Calculation factor - Y ₂	3
Calculation factor - Y ₀	2



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Permissible rotational acceleration (oil lubrication)	520 g [m/s]
Permissible linear acceleration (oil lubrication)	186 g [m/s]
Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	18.236
EAN	7316570153101
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	110MM Straight Bore; 240MM Outside Diameter; 80MM 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



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Noun	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.skf.com
Weight / LBS	40.168
Width	3.15 Inch 80 Millimeter
Outside Diameter	9.449 Inch 240 Millimeter
Bore	4.331 Inch 110 Millimeter
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
bore diameter:	110 mm
operating temperature range:	Maximum of +390 ° F
outside diameter:	240 mm
cage material:	Steel
overall width:	80 mm
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:	80 mm
dynamic load capacity:	950 kN
fillet radius:	2.5 mm
static load capacity:	1120 kN
series:	223
maximum rpm:	2800 RPM
d ₂	143 mm
D ₁	204 mm



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$r_{1,2}$ min.	3 mm
d_a min.	124 mm
D_a max.	226 mm
r_a max.	2.5 mm
Basic dynamic load rating C	989 kN
Basic static load rating C_0	1120 kN
Fatigue load limit P_u	100 kN
Calculation factor e	0.33
Calculation factor Y_1	2
Calculation factor Y_2	3
Calculation factor Y_0	2
Mass bearing	18.4 kg