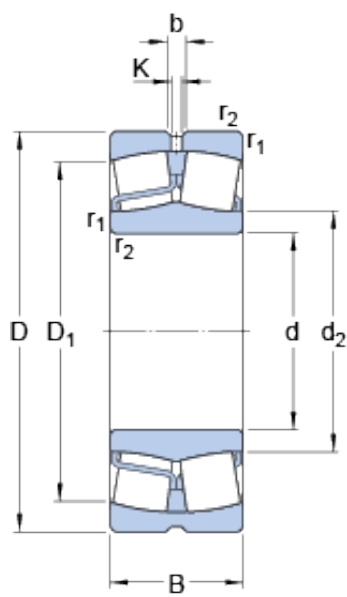




Bearing No. 22322 EJA/VA405

b	13.9 mm
K	7.5 mm
d	110 mm
D	240 mm
B	80 mm
Noun	Bearing
Bore	4.331 Inch 110 Millimeter
Width	3.15 Inch 80 Millimeter
UNSPSC	31171510
series:	223
Category	Spherical Roller Bearing
Size (mm)	240x110x80
Enclosure	Open
Inventory	0.0
cage type:	Outer Ring Guided
bore type:	Straight
Width (mm)	80
application:	Vibratory Applications
Weight / LBS	40.168
maximum rpm:	2800 RPM
Bore Profile	Straight
Mass bearing	18.4 kg
Product Group	B04311
Inch - Metric	Metric
closure type:	Open
d ₂	143 mm
Cage Material	Steel
D ₁	204 mm
Keyword String	Spherical

Relubricatable	Yes
bore diameter:	110 mm
cage material:	Steel
Bearing number	22322 EJA/VA405
overall width:	80 mm
Limiting speed	2800 r/min
fillet radius:	2.5 mm
Withdrawal Nut	Not Applicable
Mounting Method	Shaft Mount
Rolling Element	Spherical Roller Bearing
Reference speed	2000 r/min
finish/coating:	Uncoated
outer ring type:	Not Split
Outside Diameter	9.449 Inch 240 Millimeter
Manufacturer URL	http://www.skf.com
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
outside diameter:	240 mm
outer ring width:	80 mm
precision rating:	Not Rated
Manufacturer Name	SKF
Weight / Kilogram	18.236
bearing material:	Steel
Withdrawal Sleeve	Not Applicable
Internal Clearance	C0-Medium
r _a max.	2.5 mm

d _a min.	124 mm
Bore Diameter (mm)	240
D _a max.	226 mm
Outer Diameter (mm)	110
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
internal clearance:	C0
D _a - max.	226 mm
d _a - min.	124 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:	1120 kN
D ₁ ?	204 mm
d ₂ ?	143 mm
lubrication hole type:	Lubrication Groove & Hole
Harmonized Tariff Code	84823080
dynamic load capacity:	950 kN
r _{1,2} - min.	3 mm
Calculation factor - e	0.33
Number of Rows of Rollers	Double Row
Basic dynamic load rating C	989 kN
operating temperature range:	Maximum of +390 °F
Basic dynamic load rating - C	989 kN
Fatigue load limit P _u	100 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	100 kN
Calculation factor - Y_0	2
Calculation factor - Y_1	2
Basic static load rating C_0	1120 kN
Basic static load rating - C_0	1120 kN
Permissible linear acceleration (oil lubrication)	186 g [m/s]
Permissible rotational acceleration (oil lubrication)	520 g [m/s]