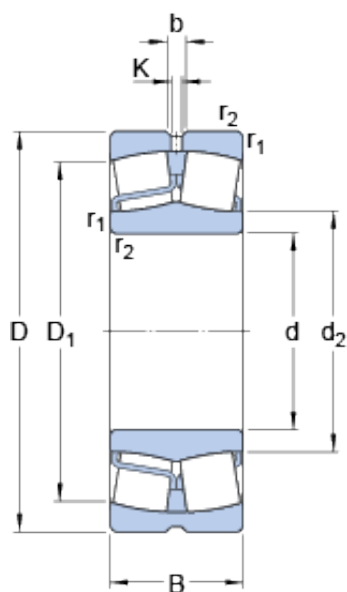




Bearing No. 22317 EJA/VA405

b	8.3 mm
K	4.5 mm
d	85 mm
D	180 mm
B	60 mm
Noun	Bearing
Bore	3.346 Inch 85 Millimeter
Width	2.362 Inch 60 Millimeter
UNSPSC	31171510
series:	223
Category	Spherical Roller Bearing
Size (mm)	180x85x60
Enclosure	Open
Inventory	0.0
cage type:	Outer Ring Guided
bore type:	Straight
Width (mm)	60
application:	Vibratory Applications
Weight / LBS	16.272
maximum rpm:	3800 RPM
Bore Profile	Straight
Mass bearing	7.65 kg
Product Group	B04311
Inch - Metric	Metric
closure type:	Open
d ₂	108 mm
Cage Material	Steel
D ₁	154 mm

Keyword String	Spherical
Relubricatable	Yes
bore diameter:	85 mm
cage material:	Steel
Bearing number	22317 EJA/VA405
overall width:	60 mm
Limiting speed	3800 r/min
fillet radius:	2.5 mm
Withdrawal Nut	Not Applicable
Mounting Method	Shaft Mount
Rolling Element	Spherical Roller Bearing
Reference speed	2800 r/min
finish/coating:	Uncoated
outer ring type:	Not Split
Outside Diameter	7.087 Inch 180 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	85MM Straight Bore; 180MM Outside Diameter; 60MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
outside diameter:	180 mm
outer ring width:	60 mm
precision rating:	Not Rated
Manufacturer Name	SKF
Weight / Kilogram	7.387
bearing material:	Steel
Withdrawal Sleeve	Not Applicable
Internal Clearance	C0-Medium

r_a max.	2.5 mm
d_a min.	99 mm
Bore Diameter (mm)	180
D_a max.	166 mm
Outer Diameter (mm)	85
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
internal clearance:	C0
D_a - max.	166 mm
d_a - min.	99 mm
Calculation factor e	0.33
Minimum Buy Quantity	N/A
$r_{1,2}$ min.	3 mm
r_a - max.	2.5 mm
static load capacity:	620 kN
D_1 ?	154 mm
d_2 ?	108 mm
lubrication hole type:	Lubrication Groove & Hole
Harmonized Tariff Code	84823080
dynamic load capacity:	550 kN
$r_{1,2}$ - min.	3 mm
Calculation factor - e	0.33
Number of Rows of Rollers	Double Row
Basic dynamic load rating C	577 kN
operating temperature range:	Maximum of +390 °F
Basic dynamic load rating - C	577 kN
Fatigue load limit P_u	61 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	61 kN
Calculation factor - Y_0	2
Calculation factor - Y_1	2
Basic static load rating C_0	620 kN
Basic static load rating - C_0	620 kN
Permissible linear acceleration (oil lubrication)	206 g [m/s]
Permissible rotational acceleration (oil lubrication)	726 g [m/s]