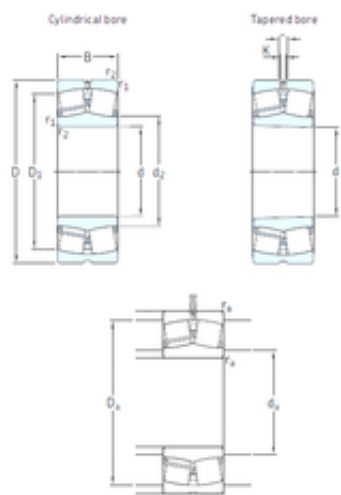




Bearing No. 22316 EJA/VA405

K	4,5 mm
d	80 mm
D	170 mm
B	58 mm
C	58 mm
b	8,3 mm
D1	143 mm
d2	98,3 mm
Bore	3.15 Inch 80 Millimeter
Noun	Bearing
Width	2.283 Inch 58 Millimeter
UNSPSC	31171510
Weight	6,6 Kg
ra max.	2 mm
Da max.	158 mm
da min.	92 mm
r2 min.	2,1 mm
r1 min.	2,1 mm
series:	223
Category	Spherical Roller Bearing
Size (mm)	80x170x58
Enclosure	Open
Inventory	2.0
Width (mm)	58
cage type:	Outer Ring Guided
bore type:	Straight
Mass bearing	6.6 kg
Bore Profile	Straight
application:	Vibratory Applications

maximum rpm:	4000 RPM
Weight / LBS	14.282
Cage Material	Steel
closure type:	Open
Product Group	B04311
Inch - Metric	Metric
Keyword String	Spherical
bore diameter:	80 mm
cage material:	Steel
overall width:	58 mm
Withdrawal Nut	Not Applicable
fillet radius:	2 mm
Bearing number	22316 EJA/VA405
Relubricatable	Yes
Limiting speed	4 000 r/min
Rolling Element	Spherical Roller Bearing
Mounting Method	Shaft Mount
finish/coating:	Uncoated
Reference speed	3 000 r/min
Long Description	80MM Straight Bore; 170MM Outside Diameter; 58MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
Manufacturer URL	http://www.skf.com
Outside Diameter	6.693 Inch 170 Millimeter
outer ring type:	Not Split
Withdrawal Sleeve	Not Applicable
bearing material:	Steel

outer ring width:	58 mm
precision rating:	Not Rated
outside diameter:	170 mm
Weight / Kilogram	6.484
Manufacturer Name	SKF
d _a min.	92 mm
D _a max.	158 mm
r _a max.	2 mm
Internal Clearance	C0-Medium
Bore Diameter (mm)	80
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
internal clearance:	C0
Outer Diameter (mm)	170
r _{1,2} min.	2.1 mm
Minimum Buy Quantity	N/A
Calculation factor e	0.35
static load capacity:	540 kN
D ₁ ?	143 mm
d ₂ ?	98.3 mm
Harmonized Tariff Code	84823080
lubrication hole type:	Lubrication Groove & Hole
Calculation factor (e)	0,35
dynamic load capacity:	490 kN
Fatigue load limit (Pu)	54
Calculation factor (Y0)	1,8
Calculation factor (Y1)	1,9
Number of Rows of Rollers	Double Row
Basic dynamic load rating C	516 kN
operating temperature range:	Maximum of +390 °F

Basic dynamic load rating (C)	490 kN
Basic static load rating (C ₀)	540 kN
Fatigue load limit P _u	54 kN
Calculation factor Y ₁	1.9
Calculation factor Y ₂	2.9
Calculation factor Y ₀	1.8
Basic static load rating C ₀	530 kN
Permissible linear acceleration (oil lubrication)	216 m/s ²
Permissible rotational acceleration (oil lubrication)	785 m/s ²