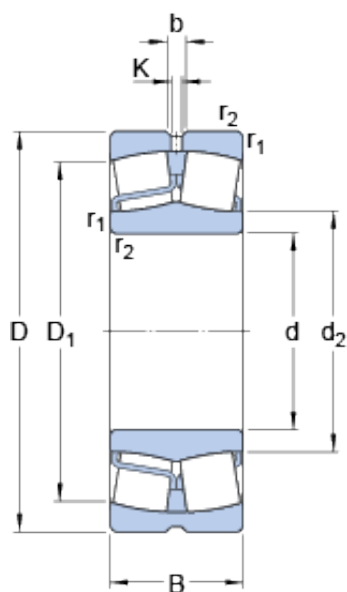




Bearing No. 22318 EJA/VA405

b	11.1 mm
K	6 mm
d	90 mm
D	190 mm
B	64 mm
Noun	Bearing
Bore	3.543 Inch 90 Millimeter
Width	2.52 Inch 64 Millimeter
UNSPSC	31171510
series:	223
Category	Spherical Roller Bearing
Size (mm)	190x90x64
Enclosure	Open
Inventory	1.0
cage type:	Outer Ring Guided
bore type:	Straight
Width (mm)	64
application:	Vibratory Applications
Weight / LBS	19.641
maximum rpm:	3600 RPM
Bore Profile	Straight
Mass bearing	9.05 kg
Product Group	B04311
Inch - Metric	Metric
closure type:	Open
d ₂	113 mm
Cage Material	Steel
D ₁	161 mm
Keyword String	Spherical

Relubricatable	Yes
bore diameter:	90 mm
cage material:	Steel
Bearing number	22318 EJA/VA405
overall width:	64 mm
Limiting speed	3600 r/min
fillet radius:	2.5 mm
Withdrawal Nut	Not Applicable
Mounting Method	Shaft Mount
Rolling Element	Spherical Roller Bearing
Reference speed	2600 r/min
finish/coating:	Uncoated
outer ring type:	Not Split
Outside Diameter	7.48 Inch 190 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	90MM Straight Bore; 190MM Outside Diameter; 64MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
outside diameter:	190 mm
outer ring width:	64 mm
precision rating:	Not Rated
Manufacturer Name	SKF
Weight / Kilogram	8.917
bearing material:	Steel
Withdrawal Sleeve	Not Applicable
Internal Clearance	C0-Medium
r _a max.	2.5 mm

d _a min.	104 mm
Bore Diameter (mm)	190
D _a max.	176 mm
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
Outer Diameter (mm)	90
internal clearance:	C0
D _a - max.	176 mm
d _a - min.	104 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:	695 kN
D ₁ ?	161 mm
d ₂ ?	113 mm
lubrication hole type:	Lubrication Groove & Hole
Harmonized Tariff Code	84823080
dynamic load capacity:	610 kN
r _{1,2} - min.	3 mm
Calculation factor - e	0.33
Number of Rows of Rollers	Double Row
Basic dynamic load rating C	637 kN
operating temperature range:	Maximum of +390 °F
Basic dynamic load rating - C	637 kN
Fatigue load limit P _u	67 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	67 kN
Calculation factor - Y_0	2
Calculation factor - Y_1	2
Basic static load rating C_0	695 kN
Basic static load rating - C_0	695 kN
Permissible linear acceleration (oil lubrication)	206 g [m/s]
Permissible rotational acceleration (oil lubrication)	667 g [m/s]