



Bearing No. 22313 E/VA405

K	4,5 mm
d	65 mm
D	140 mm
B	48 mm
C	48 mm
b	8,3 mm
D1	118 mm
d2	81,6 mm
Bore	2.559 Inch 65 Millimeter
Noun	Bearing
Width	1.89 Inch 48 Millimeter
UNSPSC	31171510
Weight	3,75 Kg
ra max.	2 mm
Da max.	128 mm
da min.	77 mm
r2 min.	2,1 mm
r1 min.	2,1 mm
series:	223
Category	Spherical Roller Bearing
Size (mm)	65x140x48
Enclosure	Open
Inventory	2.0
Width (mm)	48
cage type:	Inner Ring Guided
bore type:	Straight
Mass bearing	3.75 kg
Bore Profile	Straight
application:	Vibratory Applications

maximum rpm:	5000 RPM
Weight / LBS	7.839
Cage Material	Steel
closure type:	Open
Product Group	B04311
Inch - Metric	Metric
Keyword String	Spherical
bore diameter:	65 mm
cage material:	Steel
overall width:	48 mm
Withdrawal Nut	Not Applicable
fillet radius:	2 mm
Bearing number	22313 E/VA405
Relubricatable	Yes
Limiting speed	5 000 r/min
Rolling Element	Spherical Roller Bearing
Mounting Method	Shaft Mount
finish/coating:	Uncoated
Reference speed	3 800 r/min
Long Description	65MM Straight Bore; 140MM Outside Diameter; 48MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
Manufacturer URL	http://www.skf.com
outer ring type:	Not Split
Outside Diameter	5.512 Inch 140 Millimeter
Withdrawal Sleeve	Not Applicable
bearing material:	Steel

outer ring width:	48 mm
precision rating:	Not Rated
outside diameter:	140 mm
Weight / Kilogram	3.559
Manufacturer Name	SKF
d_a min.	77 mm
D_a max.	128 mm
r_a max.	2 mm
Internal Clearance	C0-Medium
Bore Diameter (mm)	65
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
internal clearance:	C0
Outer Diameter (mm)	140
$r_{1,2}$ min.	2.1 mm
Minimum Buy Quantity	N/A
Calculation factor e	0.35
static load capacity:	360 kN
D_1 ?	118 mm
d_2 ?	81.6 mm
Harmonized Tariff Code	84823080
lubrication hole type:	Lubrication Groove & Hole
Calculation factor (e)	0,35
dynamic load capacity:	340 kN
Fatigue load limit (Pu)	38
Calculation factor (Y0)	1,8
Calculation factor (Y1)	1,9
Number of Rows of Rollers	Double Row
Basic dynamic load rating C	357 kN
operating temperature range:	Maximum of +390 °F

Basic dynamic load rating (C)	340 kN
Basic static load rating (C ₀)	360 kN
Fatigue load limit P _u	38 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	360 kN
Permissible linear acceleration (oil lubrication)	235 m/s ²
Permissible rotational acceleration (oil lubrication)	677 m/s ²