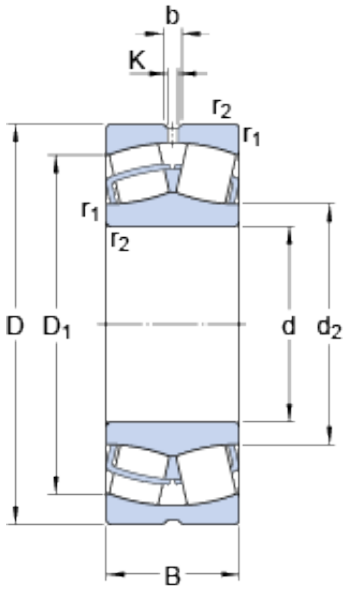
Loyal | 22313 E



Bearing No. 22313 E

b	8.3 mm
K	4.5 mm
d	65 mm
D	140 mm
B	48 mm
Noun	Bearing
Bore	2.559 Inch | 65 Millimeter
Width	1.89 Inch | 48 Millimeter
UNSPSC	31171510
series:	223
Category	Spherical Roller Bearing
Size (mm)	140x65x48
Enclosure	Open
Inventory	0.0
bore type:	Straight
Width (mm)	48
cage type:	Inner Ring Guided
maximum rpm:	5000 RPM
Weight / LBS	7.839
Bore Profile	Straight
Mass bearing	3.75 kg
D_1	118 mm
Cage Material	Steel
closure type:	Open
d_2	81.6 mm
Product Group	B04311
Inch - Metric	Metric
fillet radius:	2 mm
cage material:	Steel

overall width:	4.3800 in
bore diameter:	65 mm
Keyword String	Spherical
Withdrawal Nut	Not Applicable
Relubricatable	Yes
Bearing number	22313 E
Limiting speed	5000 r/min
finish/coating:	Uncoated
Rolling Element	Spherical Roller Bearing
Mounting Method	Shaft Mount
Reference speed	3800 r/min
outer ring type:	Not Split
Manufacturer URL	http://www.skf.com
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
Outside Diameter	5.512 Inch | 140 Millimeter
outside diameter:	140 mm
bearing material:	Steel
outer ring width:	48 mm
Weight / Kilogram	3.559
Withdrawal Sleeve	Not Applicable
precision rating:	Not Rated
Manufacturer Name	SKF
Bore Diameter (mm)	140
D_a max.	128 mm
d_a min.	77 mm

r_a max.	2 mm
Internal Clearance	C0-Medium
internal clearance:	C0
Outer Diameter (mm)	65
Adapter Part Number	Not Applicable Inch | Not Applicable Millimeter
$r_{1,2}$ min.	2.1 mm
Minimum Buy Quantity	N/A
d_a - min.	77 mm
D_a - max.	128 mm
r_a - max.	2 mm
Calculation factor e	0.35
D_1 ?	118 mm
d_2 ?	81.6 mm
static load capacity:	360 kN
Calculation factor - e	0.35
dynamic load capacity:	340 kN
$r_{1,2}$ - min.	2.1 mm
lubrication hole type:	Lubrication Groove & Hole
Harmonized Tariff Code	84823080
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	357 kN
Calculation factor Y_1	1.9
Fatigue load limit P_u	38 kN
Calculation factor Y_2	2.9
Calculation factor Y_0	1.8
Calculation factor - Y_1	1.9

Calculation factor - Y_2	2.9
Calculation factor - Y_0	1.8
Fatigue load limit - P_u	38 kN
Basic static load rating C_0	360 kN
Basic static load rating - C_0	360 kN