



Bearing No. 22313 EK

D	140 mm
d	65 mm
B	48 mm
b	8.3 mm
K	4.5 mm
Bore	2.559 Inch 65 Millimeter
Noun	Bearing
Width	1.89 Inch 48 Millimeter
UNSPSC	31171510
series:	223
Category	Spherical Roller Bearing
Size (mm)	140x65x48
Inventory	1.0
Enclosure	Open
cage type:	Inner Ring Guided
bore type:	Tapered 1:12
Width (mm)	48
Bore Profile	Tapered
maximum rpm:	5000 RPM
Weight / LBS	7.687
Mass bearing	3.65 kg
Product Group	B04311
Inch - Metric	Metric
closure type:	Open
D ₁	118 mm
d ₂	81.6 mm
Cage Material	Steel
Relubricatable	Yes
Withdrawal Nut	KM15

Bearing number	22313 EK
Keyword String	Spherical
bore diameter:	65 mm
cage material:	Steel
fillet radius:	2 mm
overall width:	48 mm
Other Features	Order adapter or withdrawal sleeve or nut separately. Others may be available
Limiting speed	5000 r/min
Rolling Element	Spherical Roller Bearing
finish/coating:	Uncoated
Mounting Method	Adapter Mount
Reference speed	3800 r/min
Manufacturer URL	http://www.skf.com
outer ring type:	Not Split
Long Description	65MM Tapered Bore; 140MM Outside Diameter; 48MM Width; C0-Medium Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable; Adapter Part Nu
Outside Diameter	5.512 Inch 140 Millimeter
outer ring width:	48 mm
precision rating:	Not Rated
outside diameter:	140 mm
bearing material:	Steel
Manufacturer Name	SKF
Weight / Kilogram	3.49

Withdrawal Sleeve	AH2313 (Specify bore)
Bore Diameter (mm)	140
r_a max.	2 mm
D_a max.	128 mm
Internal Clearance	C0-Medium
internal clearance:	C0
Adapter Part Number	SNW113 H2313 HA2313 HE2313 (Specify Bore) Inch H2313 (Specify bore) Millimeter
Outer Diameter (mm)	65
$r_{1,2}$ min.	2.1 mm
d_a - min.	73 mm
d_a - max.	81 mm
Calculation factor e	0.35
Minimum Buy Quantity	N/A
D_a - max.	128 mm
r_a - max.	2 mm
D_1 ?	118 mm
d_2 ?	81.6 mm
static load capacity:	360 kN
Harmonized Tariff Code	84823080
$r_{1,2}$ - min.	2.1 mm
dynamic load capacity:	340 kN
Calculation factor - e	0.35
lubrication hole type:	Lubrication Groove & Hole
Number of Rows of Rollers	Double Row
Basic dynamic load rating C	357 kN
operating temperature range:	Maximum of +390 °F
Basic dynamic load	357 kN

rating - C	
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
Calculation factor - Y_1	1.9
Fatigue load limit - P_u	38 kN
Calculation factor - Y_0	1.8
Calculation factor - Y_2	2.9
Basic static load rating C_0	360 kN
Basic static load rating - C_0	360 kN
Recommended lock nut tightening angle ?	115 °