



Bearing No. 21313 EK

D	140 mm
d	65 mm
B	33 mm
b	6 mm
K	3 mm
Bore	2.559 Inch 65 Millimeter
Noun	Bearing
Width	1.299 Inch 33 Millimeter
UNSPSC	31171510
series:	213
Category	Spherical Roller Bearing
Size (mm)	140x65x33
Inventory	0.0
Enclosure	Open
cage type:	Inner Ring Guided
bore type:	Tapered 1:12
Width (mm)	33
Bore Profile	Tapered
maximum rpm:	6000 RPM
Weight / LBS	5.606
Mass bearing	2.5 kg
Product Group	B04311
Inch - Metric	Metric
closure type:	Open
D ₁	124 mm
d ₂	94.7 mm
Cage Material	Steel
Relubricatable	Yes

Withdrawal Nut	KM15
Bearing number	21313 EK
Keyword String	Spherical
bore diameter:	65 mm
cage material:	Steel
fillet radius:	2 mm
overall width:	4.3800 in
Other Features	Order adapter or withdrawal sleeve or nut separately. Others may be available
Limiting speed	6000 r/min
Rolling Element	Spherical Roller Bearing
finish/coating:	Uncoated
Mounting Method	Adapter Mount
Reference speed	4300 r/min
Manufacturer URL	http://www.skf.com
outer ring type:	Not Split
Long Description	65MM Tapered Bore; 140MM Outside Diameter; 33MM 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:	33 mm
precision rating:	Not Rated
outside diameter:	140 mm
bearing material:	Steel
Manufacturer Name	SKF

Weight / Kilogram	2.486
Withdrawal Sleeve	AHX313 (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	SNW13 H313 HA313 HE313 (Specify Bore) Inch H313 (Specify bore) Millimeter
Outer Diameter (mm)	65
$r_{1,2}$ min.	2.1 mm
d_a - min.	73 mm
d_a - max.	94 mm
Calculation factor e	0.22
Minimum Buy Quantity	N/A
D_a - max.	128 mm
r_a - max.	2 mm
D_1 ?	124 mm
d_2 ?	94.7 mm
static load capacity:	270 kN
Harmonized Tariff Code	84823080
$r_{1,2}$ - min.	2.1 mm
dynamic load capacity:	236 kN
Calculation factor - e	0.22
lubrication hole type:	Lubrication Groove & Hole
Number of Rows of Rollers	Double Row
Basic dynamic load rating C	243 kN
operating temperature range:	Maximum of +390 °F

Basic dynamic load rating - C	243 kN
Calculation factor Y_1	3
Calculation factor Y_2	4.6
Calculation factor Y_0	2.8
Fatigue load limit P_u	29 kN
Calculation factor - Y_1	3
Fatigue load limit - P_u	29 kN
Calculation factor - Y_0	2.8
Calculation factor - Y_2	4.6
Basic static load rating C_0	270 kN
Basic static load rating - C_0	270 kN
Recommended lock nut tightening angle ?	115 °