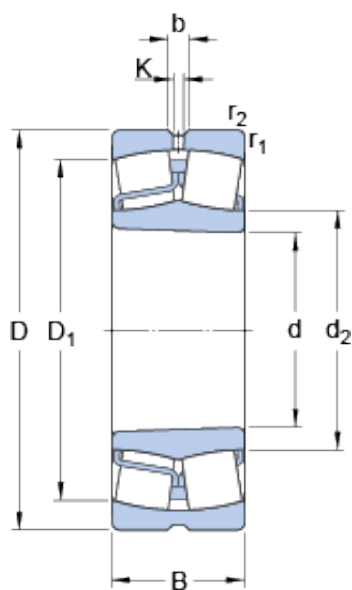




Bearing No. 22216 EK

K	3 mm
d	80 mm
D	140 mm
B	33 mm
b	6 mm
Bore	3.15 Inch 80 Millimeter
Noun	Bearing
Width	1.299 Inch 33 Millimeter
UNSPSC	31171510
series:	222
Category	Spherical Roller Bearing
Size (mm)	140x80x33
Enclosure	Open
Inventory	1.0
Width (mm)	33
bore type:	Tapered 1:12
maximum rpm:	6000 RPM
Bore Profile	Tapered
Mass bearing	2.05 kg
Weight / LBS	4.636
Inch - Metric	Metric
Product Group	B04311
Cage Material	Steel
D ₁	124 mm
closure type:	Open
d ₂	94.7 mm
Keyword String	Spherical
bore diameter:	80 mm
overall width:	33 mm

cage material:	Steel
fillet radius:	2 mm
Withdrawal Nut	KM18
Relubricatable	Yes
Bearing number	22216 EK
Other Features	Order adapter or withdrawal sleeve or nut separately. Others may be available
Limiting speed	6000 r/min
Rolling Element	Spherical Roller Bearing
Mounting Method	Adapter Mount
finish/coating:	Uncoated
Reference speed	4300 r/min
outer ring type:	Not Split
Outside Diameter	5.512 Inch 140 Millimeter
Long Description	80MM 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
Manufacturer URL	http://www.skf.com
precision rating:	Not Rated
outside diameter:	140 mm
outer ring width:	33 mm
Withdrawal Sleeve	AH316 (Specify bore)
Manufacturer Name	SKF
Weight / Kilogram	2.105
bearing material:	Steel

D _a max.	129 mm
r _a max.	2 mm
Bore Diameter (mm)	140
Internal Clearance	C0-Medium
Outer Diameter (mm)	80
Adapter Part Number	SNW16 H316 HA316 HE316 (Specify Bore) Inch H316 (Specify bore) Millimeter
internal clearance:	C0
r _{1,2} min.	2 mm
d _a - min.	87.2 mm
Calculation factor e	0.22
d _a - max.	94 mm
D _a - max.	129 mm
Minimum Buy Quantity	N/A
r _a - max.	2 mm
static load capacity:	270 kN
d ₂ ?	94.7 mm
D ₁ ?	124 mm
Calculation factor - e	0.22
r _{1,2} - min.	2 mm
dynamic load capacity:	236 kN
Harmonized Tariff Code	84823080
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
Fatigue load limit P _u	29 kN

Calculation factor Y_0	2.8
Calculation factor Y_2	4.6
Calculation factor Y_1	3
Calculation factor - Y_0	2.8
Calculation factor - Y_2	4.6
Fatigue load limit - P_u	29 kN
Calculation factor - Y_1	3
Basic static load rating C_0	270 kN
Basic static load rating - C_0	270 kN
Recommended lock nut tightening angle ?	130 °