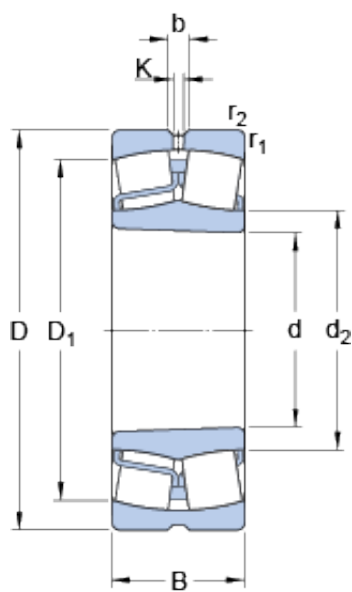




Bearing No. 22214 EK

K	3 mm
d	70 mm
D	125 mm
B	31 mm
b	6 mm
Bore	2.756 Inch 70 Millimeter
Noun	Bearing
Width	1.22 Inch 31 Millimeter
UNSPSC	31171510
series:	222
Category	Spherical Roller Bearing
Size (mm)	125x70x31
Enclosure	Open
Inventory	2.0
Width (mm)	31
bore type:	Tapered 1:12
maximum rpm:	6700 RPM
Bore Profile	Tapered
Mass bearing	1.5 kg
Weight / LBS	3.543
Inch - Metric	Metric
Product Group	B04311
Cage Material	Steel
D ₁	111 mm
closure type:	Open
d ₂	83 mm
Keyword String	Spherical
bore diameter:	70 mm
overall width:	4.3800 in

cage material:	Steel
fillet radius:	1.5 mm
Withdrawal Nut	KM16
Relubricatable	Yes
Bearing number	22214 EK
Other Features	Order adapter or withdrawal sleeve or nut separately. Others may be available
Limiting speed	6700 r/min
Rolling Element	Spherical Roller Bearing
Mounting Method	Adapter Mount
finish/coating:	Uncoated
Reference speed	5000 r/min
outer ring type:	Not Split
Outside Diameter	4.921 Inch 125 Millimeter
Long Description	70MM Tapered Bore; 125MM Outside Diameter; 31MM 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:	125 mm
outer ring width:	31 mm
Withdrawal Sleeve	AH314 (Specify bore)
Manufacturer Name	SKF
Weight / Kilogram	1.609
bearing material:	Steel

D _a max.	116 mm
r _a max.	1.5 mm
Bore Diameter (mm)	125
Internal Clearance	C0-Medium
Outer Diameter (mm)	70
Adapter Part Number	SNW14 H314 HA314 (Specify Bore) Inch H314 (Specify bore) Millimeter
internal clearance:	C0
r _{1,2} min.	1.5 mm
d _a - min.	77.2 mm
Calculation factor e	0.23
d _a - max.	83 mm
D _a - max.	116 mm
Minimum Buy Quantity	N/A
r _a - max.	1.5 mm
static load capacity:	228 kN
d ₂ ?	83 mm
D ₁ ?	111 mm
Calculation factor - e	0.23
r _{1,2} - min.	1.5 mm
dynamic load capacity:	208 kN
Harmonized Tariff Code	84823080
lubrication hole type:	Lubrication Groove & Hole
Number of Rows of Rollers	Double Row
Basic dynamic load rating C	213 kN
operating temperature range:	Maximum of +390 °F
Basic dynamic load rating - C	213 kN
Fatigue load limit P _u	25.5 kN

Calculation factor Y_0	2.8
Calculation factor Y_2	4.4
Calculation factor Y_1	2.9
Calculation factor - Y_0	2.8
Calculation factor - Y_2	4.4
Fatigue load limit - P_u	25.5 kN
Calculation factor - Y_1	2.9
Basic static load rating C_0	228 kN
Basic static load rating - C_0	228 kN
Recommended lock nut tightening angle ?	130 °