



Bearing No. 22217 EK

K	3 mm
d	85 mm
D	150 mm
B	36 mm
b	6 mm
Bore	3.346 Inch   85 Millimeter
Noun	Bearing
Width	1.417 Inch   36 Millimeter
UNSPSC	31171510
series:	222
Category	Spherical Roller Bearing
Size (mm)	150x85x36
Enclosure	Open
Inventory	17.0
Width (mm)	36
bore type:	Tapered 1:12
maximum rpm:	5600 RPM
Bore Profile	Tapered
Mass bearing	2.6 kg
Weight / LBS	5.917
Inch - Metric	Metric
Product Group	B04311
Cage Material	Steel
D <sub>1</sub>	133 mm
closure type:	Open
d <sub>2</sub>	101 mm
Keyword String	Spherical
bore diameter:	85 mm

overall width:	36 mm
cage material:	Steel
fillet radius:	2 mm
Withdrawal Nut	KM19
Relubricatable	Yes
Bearing number	22217 EK
Other Features	Order adapter or withdrawal sleeve or nut separately. Others may be available
Limiting speed	5600 r/min
Rolling Element	Spherical Roller Bearing
Mounting Method	Adapter Mount
finish/coating:	Uncoated
Reference speed	4000 r/min
outer ring type:	Not Split
Outside Diameter	5.906 Inch   150 Millimeter
Long Description	85MM Tapered Bore; 150MM Outside Diameter; 36MM Width; C0-Medium Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable; Adapter Part Nu
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
precision rating:	Not Rated
outside diameter:	150 mm
outer ring width:	36 mm
Withdrawal Sleeve	AHX317 (Specify bore)
Manufacturer Name	SKF
Weight / Kilogram	2.686

bearing material:	Steel
D <sub>a</sub> max.	139 mm
r <sub>a</sub> max.	2 mm
Bore Diameter (mm)	150
Internal Clearance	C0-Medium
Outer Diameter (mm)	85
Adapter Part Number	SNW17 H317 HA317 HE317 (Specify Bore) Inch   H317 (Specify bore) Millimeter
internal clearance:	C0
r <sub>1,2</sub> min.	2 mm
d <sub>a</sub> - min.	92.2 mm
Calculation factor e	0.22
d <sub>a</sub> - max.	101 mm
D <sub>a</sub> - max.	139 mm
Minimum Buy Quantity	N/A
r <sub>a</sub> - max.	2 mm
static load capacity:	325 kN
d <sub>2</sub> ?	101 mm
D <sub>1</sub> ?	133 mm
Calculation factor - e	0.22
r <sub>1,2</sub> - min.	2 mm
dynamic load capacity:	285 kN
Harmonized Tariff Code	84823080
lubrication hole type:	Lubrication Groove & Hole
Number of Rows of Rollers	Double Row
Basic dynamic load rating C	291 kN
operating temperature range:	Maximum of +390 °F
Basic dynamic load rating - C	291 kN

Fatigue load limit $P_u$	34.5 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 - $P_u$	34.5 kN
Calculation factor - $Y_1$	3
Basic static load rating $C_0$	325 kN
Basic static load rating - $C_0$	325 kN
Recommended lock nut tightening angle ?	150 °