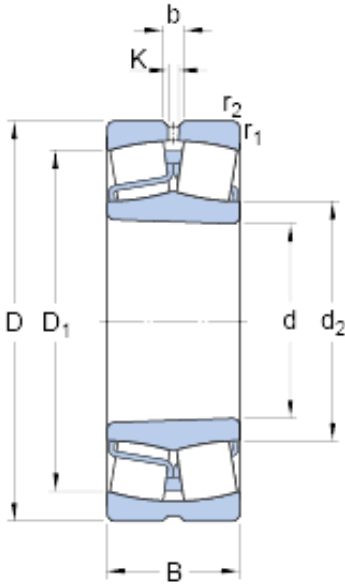




## Bearing company

85 mm x 150 mm x 36 mm skf 22217 ek bearing

Bearing No. 22217 ek



22217 ek Bearing 2D drawings and 3D CAD models

Size	150x85x36 mm
Bore Diameter	150 mm
Outer Diameter	85 mm
Width	36 mm
d	85 mm
D	150 mm
B	36 mm
d <sub>2</sub>	101 mm
D <sub>1</sub>	133 mm
b	6 mm
K	3 mm
r <sub>1,2</sub> - min.	2 mm
d <sub>a</sub> - min.	92.2 mm
d <sub>a</sub> - max.	101 mm
D <sub>a</sub> - max.	139 mm
r <sub>a</sub> - max.	2 mm
Basic dynamic load rating - C	291 kN
Basic static load rating - C <sub>0</sub>	325 kN
Fatigue load limit - P <sub>u</sub>	34.5 kN
Reference speed	4000 r/min
Limiting speed	5600 r/min
Calculation factor - e	0.22
Calculation factor - Y <sub>1</sub>	3
Calculation factor - Y <sub>2</sub>	4.6
Calculation factor - Y <sub>0</sub>	2.8



## Bearing company

Category	Spherical Roller Bearings
Inventory	17.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	2.686
EAN	7316571008714
Product Group	B04311
Internal Clearance	C0-Medium
Mounting Method	Adapter Mount
Rolling Element	Spherical Roller Bearing
Bore Profile	Tapered
Cage Material	Steel
Enclosure	Open
Number of Rows of Rollers	Double Row
Relubricatable	Yes
Withdrawal Sleeve	AHX317 (Specify bore)
Withdrawal Nut	KM19
Inch - Metric	Metric
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
Other Features	Order adapter or withdrawal sleeve or nut separately. Others may be available
Category	Spherical Roller Bearing
UNSPSC	31171510
Harmonized Tariff Code	84823080
Noun	Bearing



## Bearing company

Keyword String	Spherical
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Weight / LBS	5.917
Bore	3.346 Inch   85 Millimeter
Width	1.417 Inch   36 Millimeter
Outside Diameter	5.906 Inch   150 Millimeter
Adapter Part Number	SNW17 H317 HA317 HE317 (Specify Bore) Inch   H317 (Specify bore) Millimeter
bore diameter:	85 mm
maximum rpm:	5600 RPM
outside diameter:	150 mm
operating temperature range:	Maximum of +390 ° F
overall width:	36 mm
cage material:	Steel
bore type:	Tapered 1:12
bearing material:	Steel
outer ring type:	Not Split
precision rating:	Not Rated
internal clearance:	C0
finish/coating:	Uncoated
closure type:	Open
outer ring width:	36 mm
lubrication hole type:	Lubrication Groove & Hole
fillet radius:	2 mm
dynamic load capacity:	285 kN
series:	222
static load capacity:	325 kN
d <sub>2</sub>	101 mm
D <sub>1</sub>	133 mm
r <sub>1,2</sub> min.	2 mm



## Bearing company

D <sub>a</sub> max.	139 mm
r <sub>a</sub> max.	2 mm
Basic dynamic load rating C	291 kN
Basic static load rating C <sub>0</sub>	325 kN
Fatigue load limit P <sub>u</sub>	34.5 kN
Calculation factor e	0.22
Calculation factor Y <sub>1</sub>	3
Calculation factor Y <sub>2</sub>	4.6
Calculation factor Y <sub>0</sub>	2.8
Mass bearing	2.6 kg
Recommended lock nut tightening angle	150 °