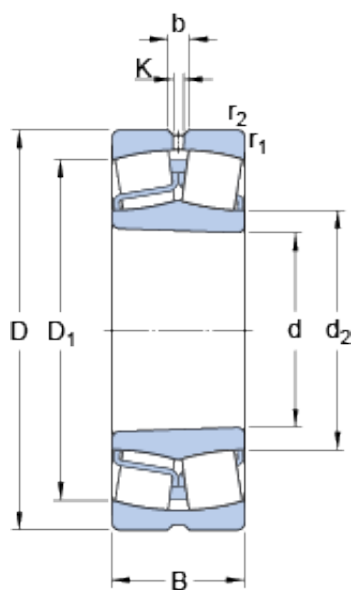




Bearing No. 22317 EK

D	180 mm
d	85 mm
B	60 mm
b	8.3 mm
K	4.5 mm
Noun	Bearing
Bore	3.346 Inch 85 Millimeter
Width	2.362 Inch 60 Millimeter
UNSPSC	31171510
series:	223
Category	Spherical Roller Bearing
Size (mm)	180x85x60
Inventory	38.0
Enclosure	Open
cage type:	Inner Ring Guided
bore type:	Tapered 1:12
Width (mm)	60
Bore Profile	Tapered
maximum rpm:	3800 RPM
Weight / LBS	15.939
Mass bearing	7.5 kg
Product Group	B04311
Inch - Metric	Metric
closure type:	Open
D ₁	154 mm
d ₂	108 mm
Cage Material	Steel
Relubricatable	Yes

Withdrawal Nut	KM19
Bearing number	22317 EK
Keyword String	Spherical
bore diameter:	85 mm
cage material:	Steel
fillet radius:	2.5 mm
overall width:	60 mm
Other Features	Order adapter or withdrawal sleeve or nut separately. Others may be available
Limiting speed	3800 r/min
Rolling Element	Spherical Roller Bearing
finish/coating:	Uncoated
Mounting Method	Adapter Mount
Reference speed	2800 r/min
Manufacturer URL	http://www.skf.com
outer ring type:	Not Split
Long Description	85MM Tapered Bore; 180MM Outside Diameter; 60MM Width; C0-Medium Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable; Adapter Part Nu
Outside Diameter	7.087 Inch 180 Millimeter
outer ring width:	60 mm
precision rating:	Not Rated
outside diameter:	180 mm
bearing material:	Steel
Manufacturer Name	SKF

Weight / Kilogram	7.236
Withdrawal Sleeve	AHX2317 (Specify bore)
Bore Diameter (mm)	180
r_a max.	2.5 mm
D_a max.	166 mm
Internal Clearance	C0-Medium
internal clearance:	C0
Adapter Part Number	SNW117 H2317 HA2317 HE2317 (Specify Bore) Inch H2317 (Specify bore) Millimeter
Outer Diameter (mm)	85
$r_{1,2}$ min.	3 mm
d_a - min.	93 mm
d_a - max.	108 mm
Calculation factor e	0.33
Minimum Buy Quantity	N/A
D_a - max.	166 mm
r_a - max.	2.5 mm
D_1 ?	154 mm
d_2 ?	108 mm
static load capacity:	620 kN
Harmonized Tariff Code	84823080
$r_{1,2}$ - min.	3 mm
dynamic load capacity:	550 kN
Calculation factor - e	0.33
lubrication hole type:	Lubrication Groove & Hole
Number of Rows of Rollers	Double Row
Basic dynamic load rating C	577 kN
operating temperature range:	Maximum of +390 °F

Basic dynamic load rating - C	577 kN
Calculation factor Y_1	2
Calculation factor Y_2	3
Calculation factor Y_0	2
Fatigue load limit P_u	61 kN
Calculation factor - Y_1	2
Fatigue load limit - P_u	61 kN
Calculation factor - Y_0	2
Calculation factor - Y_2	3
Basic static load rating C_0	620 kN
Basic static load rating - C_0	620 kN
Recommended lock nut tightening angle ?	150 °