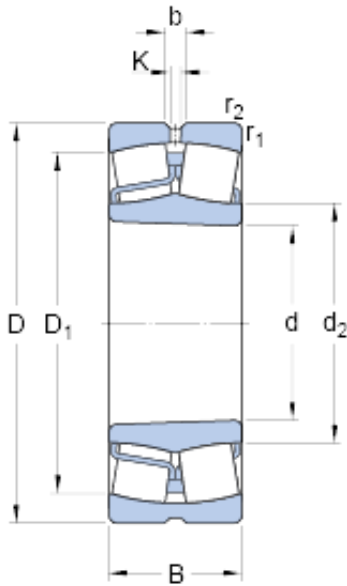




BEARING PRECISION AXLE CORP.



22317 EK Bearing 2D drawings and 3D CAD models

85 mm x 180 mm x 60 mm SKF 22317 EK
spherical roller bearings

Bearing No. 22317 EK

Size	180x85x60 mm
Bore Diameter	180 mm
Outer Diameter	85 mm
Width	60 mm
d	85 mm
D	180 mm
B	60 mm
d ₂	108 mm
D ₁	154 mm
b	8.3 mm
K	4.5 mm
r _{1,2} - min.	3 mm
d _a - min.	93 mm
d _a - max.	108 mm
D _a - max.	166 mm
r _a - max.	2.5 mm
Basic dynamic load rating - C	577 kN
Basic static load rating - C ₀	620 kN
Fatigue load limit - P _u	61 kN
Reference speed	2800 r/min
Limiting speed	3800 r/min
Calculation factor - e	0.33
Calculation factor - Y ₁	2
Calculation factor - Y ₂	3



BEARING PRECISION AXLE CORP.

Calculation factor - Y_0	2
Category	Spherical Roller Bearings
Inventory	38.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	7.236
EAN	7316570469097
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	AHX2317 (Specify bore)
Withdrawal Nut	KM19
Inch - Metric	Metric
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
Other Features	Order adapter or withdrawal sleeve or nut separately. Others may be available
Category	Spherical Roller Bearing
UNSPSC	31171510
Harmonized Tariff Code	84823080



BEARING PRECISION AXLE CORP.

Noun	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.skf.com
Weight / LBS	15.939
Outside Diameter	7.087 Inch 180 Millimeter
Adapter Part Number	SNW117 H2317 HA2317 HE2317 (Specify Bore) Inch H2317 (Specify bore) Millimeter
Bore	3.346 Inch 85 Millimeter
Width	2.362 Inch 60 Millimeter
bore diameter:	85 mm
maximum rpm:	3800 RPM
outside diameter:	180 mm
operating temperature range:	Maximum of +390 ° F
overall width:	60 mm
cage material:	Steel
bore type:	Tapered 1:12
bearing material:	Steel
outer ring type:	Not Split
cage type:	Inner Ring Guided
internal clearance:	C0
precision rating:	Not Rated
closure type:	Open
finish/coating:	Uncoated
lubrication hole type:	Lubrication Groove & Hole
outer ring width:	60 mm
dynamic load capacity:	550 kN
fillet radius:	2.5 mm
static load capacity:	620 kN
series:	223
d ₂	108 mm



BEARING PRECISION AXLE CORP.

D_1	154 mm
$r_{1,2}$ min.	3 mm
D_a max.	166 mm
r_a max.	2.5 mm
Basic dynamic load rating C	577 kN
Basic static load rating C_0	620 kN
Fatigue load limit P_u	61 kN
Calculation factor e	0.33
Calculation factor Y_1	2
Calculation factor Y_2	3
Calculation factor Y_0	2
Mass bearing	7.5 kg
Recommended lock nut tightening angle	150 °