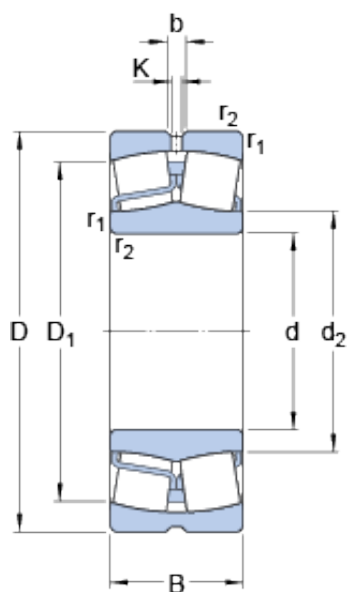




Bearing No. 22317 E

b	8.3 mm
K	4.5 mm
d	85 mm
D	180 mm
B	60 mm
Bore	3.346 Inch 85 Millimeter
Noun	Bearing
Width	2.362 Inch 60 Millimeter
UNSPSC	31171510
series:	223
Category	Spherical Roller Bearing
Size (mm)	180x85x60
Enclosure	Open
Inventory	0.0
Width (mm)	60
bore type:	Straight
maximum rpm:	3800 RPM
Weight / LBS	16.272
Bore Profile	Straight
Mass bearing	7.65 kg
Cage Material	Steel
closure type:	Open
d ₂	108 mm
D ₁	154 mm
Inch - Metric	Metric
Product Group	B04311
Limiting speed	3800 r/min
fillet radius:	2.5 mm

cage material:	Steel
overall width:	4.3800 in
Keyword String	Spherical
Withdrawal Nut	Not Applicable
Relubricatable	Yes
bore diameter:	85 mm
Bearing number	22317 E
finish/coating:	Uncoated
Mounting Method	Shaft Mount
Rolling Element	Spherical Roller Bearing
Reference speed	2800 r/min
Manufacturer URL	http://www.skf.com
outer ring type:	Not Split
Long Description	85MM Straight Bore; 180MM Outside Diameter; 60MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
Outside Diameter	7.087 Inch 180 Millimeter
outer ring width:	60 mm
precision rating:	Not Rated
outside diameter:	180 mm
Manufacturer Name	SKF
bearing material:	Steel
Withdrawal Sleeve	Not Applicable
Weight / Kilogram	7.387
Bore Diameter (mm)	180
Internal Clearance	C0-Medium
r _a max.	2.5 mm

D _a max.	166 mm
d _a min.	99 mm
Outer Diameter (mm)	85
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
internal clearance:	C0
d _a - min.	99 mm
r _a - max.	2.5 mm
Calculation factor e	0.33
D _a - max.	166 mm
Minimum Buy Quantity	N/A
r _{1,2} min.	3 mm
D ₁ ?	154 mm
d ₂ ?	108 mm
static load capacity:	620 kN
dynamic load capacity:	550 kN
lubrication hole type:	Lubrication Groove & Hole
Calculation factor - e	0.33
Harmonized Tariff Code	84823080
r _{1,2} - min.	3 mm
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 ₀	2
Calculation factor Y ₂	3
Calculation factor Y ₁	2
Fatigue load limit P _u	61 kN
Calculation factor - Y ₁	2

Fatigue load limit - P_u	61 kN
Calculation factor - Y_2	3
Calculation factor - Y_0	2
Basic static load rating C_0	620 kN
Basic static load rating - C_0	620 kN