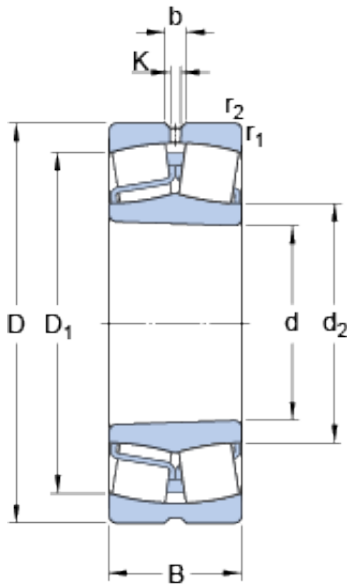




BEARING FORGE OF AMERICA CORP.

85 mm x 180 mm x 60 mm skf 22317 ek bearing

Bearing No. 22317 ek



22317 ek Bearing 2D drawings and 3D CAD models

| | |
|---|--------------|
| 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 |
| Calculation factor - Y ₀ | 2 |



BEARING FORGE OF AMERICA CORP.

| | |
|---------------------------|--|
| 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 |
| Noun | Bearing |
| | |



BEARING FORGE OF AMERICA CORP.

| | |
|------------------------------|---|
| 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 |
| D ₁ | 154 mm |
| | |



BEARING FORGE OF AMERICA CORP.

| | |
|---------------------------------------|--------|
| $r_{1,2}$ 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 ° |