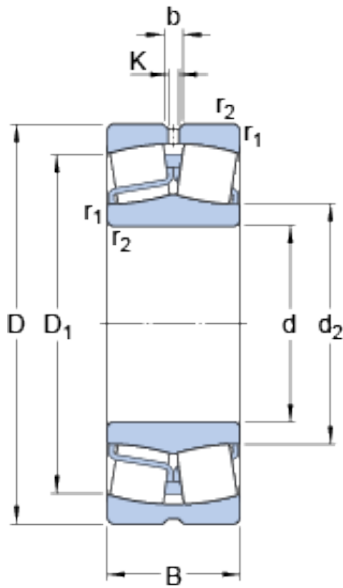




BEARING FORGE OF AMERICA CORP.

95 mm x 170 mm x 43 mm skf 22219 e bearing

Bearing No. 22219 e



22219 e Bearing 2D drawings and 3D CAD models

| | |
|---|--------------|
| Size | 170x95x43 mm |
| Bore Diameter | 170 mm |
| Outer Diameter | 95 mm |
| Width | 43 mm |
| d | 95 mm |
| D | 170 mm |
| B | 43 mm |
| d ₂ | 112 mm |
| D ₁ | 150 mm |
| b | 8.3 mm |
| K | 4.5 mm |
| r _{1,2} - min. | 2.1 mm |
| d _a - min. | 107 mm |
| D _a - max. | 158 mm |
| r _a - max. | 2 mm |
| Basic dynamic load rating - C | 393 kN |
| Basic static load rating - C ₀ | 450 kN |
| Fatigue load limit - P _u | 45.5 kN |
| Reference speed | 3600 r/min |
| Limiting speed | 4800 r/min |
| Calculation factor - e | 0.24 |
| Calculation factor - Y ₁ | 2.8 |
| Calculation factor - Y ₂ | 4.2 |
| Calculation factor - Y ₀ | 2.8 |
| | |



BEARING FORGE OF AMERICA CORP.

| | |
|---------------------------|---|
| Category | Spherical Roller Bearings |
| Inventory | 0.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 4.22 |
| EAN | 7316570611991 |
| Product Group | B04311 |
| Internal Clearance | C0-Medium |
| Mounting Method | Shaft Mount |
| Rolling Element | Spherical Roller Bearing |
| Bore Profile | Straight |
| Cage Material | Steel |
| Enclosure | Open |
| Number of Rows of Rollers | Double Row |
| Relubricatable | Yes |
| Withdrawal Sleeve | Not Applicable |
| Withdrawal Nut | Not Applicable |
| Inch - Metric | Metric |
| Long Description | 95MM Straight Bore; 170MM Outside Diameter; 43MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable |
| Category | Spherical Roller Bearing |
| UNSPSC | 31171510 |
| Harmonized Tariff Code | 84823080 |
| Noun | Bearing |
| Keyword String | Spherical |
| Manufacturer URL | http://www.skf.com |
| Weight / LBS | 9.296 |
| Bore | 3.74 Inch 95 Millimeter |
| | |



BEARING FORGE OF AMERICA CORP.

| | |
|--------------------------------|---|
| Adapter Part Number | Not Applicable Inch Not Applicable Millimeter |
| Width | 1.693 Inch 43 Millimeter |
| Outside Diameter | 6.693 Inch 170 Millimeter |
| bore diameter: | 95 mm |
| maximum rpm: | 4800 RPM |
| outside diameter: | 170 mm |
| operating temperature range: | Maximum of +390 ° F |
| overall width: | 43 mm |
| cage material: | Steel |
| bore type: | Straight |
| bearing material: | Steel |
| outer ring type: | Not Split |
| precision rating: | Not Rated |
| internal clearance: | C0 |
| finish/coating: | Uncoated |
| closure type: | Open |
| outer ring width: | 43 mm |
| lubrication hole type: | Lubrication Groove & Hole |
| fillet radius: | 2 mm |
| dynamic load capacity: | 380 kN |
| series: | 222 |
| static load capacity: | 450 kN |
| d_2 | 112 mm |
| D_1 | 150 mm |
| $r_{1,2}$ min. | 2.1 mm |
| d_a min. | 107 mm |
| D_a max. | 158 mm |
| r_a max. | 2 mm |
| Basic dynamic load rating C | 393 kN |
| Basic static load rating C_0 | 450 kN |
| Fatigue load limit P_u | 45.5 kN |



BEARING FORGE OF AMERICA CORP.

| | |
|--------------------------|---------|
| Calculation factor e | 0.24 |
| Calculation factor Y_1 | 2.8 |
| Calculation factor Y_2 | 4.2 |
| Calculation factor Y_0 | 2.8 |
| Mass bearing | 4.15 kg |