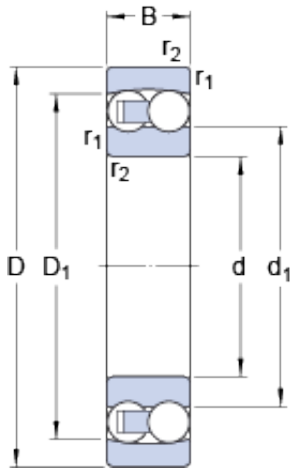




BEARING FORGE OF AMERICA CORP.



65 mm x 140 mm x 48 mm skf 2313 bearing

Bearing No. 2313

2313 Bearing 2D drawings and 3D CAD models

| | |
|---|-----------------------------|
| Size | 140x65x48 mm |
| Bore Diameter | 140 mm |
| Outer Diameter | 65 mm |
| Width | 48 mm |
| d | 65 mm |
| D | 140 mm |
| B | 48 mm |
| d ₁ | 86 mm |
| D ₁ | 119.1 mm |
| r _{1,2} - min. | 2.1 mm |
| d _a - min. | 77 mm |
| D _a - max. | 128 mm |
| r _a - max. | 2 mm |
| Basic dynamic load rating - C | 95.6 kN |
| Basic static load rating - C ₀ | 32.5 kN |
| Fatigue load limit - P _u | 1.7 kN |
| Reference speed | 9000 r/min |
| Limiting speed | 6300 r/min |
| Calculation factor - k _r | 0.05 |
| Calculation factor - e | 0.37 |
| Calculation factor - Y ₀ | 1.8 |
| Calculation factor - Y ₁ | 1.7 |
| Calculation factor - Y ₂ | 2.6 |
| Category | Self Aligning Ball Bearings |



BEARING FORGE OF AMERICA CORP.

| | |
|--------------------------|---|
| Inventory | 0.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 3.284 |
| EAN | 7316576605284 |
| Product Group | B00152 |
| Mounting Method | Shaft |
| Enclosure | Open |
| Rolling Element | Ball Bearing |
| Cage Material | Steel |
| Precision Class | ABEC 1 ISO P0 |
| Internal Clearance | C0-Medium |
| Number of Rows of Balls | Double Row |
| Other Features | Allowable Misalignment 3 Deg |
| Long Description | 65MM Bore; Shaft Mount; 140MM Outside Diameter; 48MM Inner Race Width; 48MM Outer Race Width; Open; Steel Cage; Double Row of Balls; ABEC 1 ISO P0; C0-Medium |
| Inch - Metric | Metric |
| Category | Self Aligning Ball Bearings |
| UNSPSC | 31171532 |
| Harmonized Tariff Code | 8482.10.50.68 |
| Noun | Bearing |
| Keyword String | Self Aligning |
| Manufacturer URL | http://www.skf.com |
| Manufacturer Item Number | 2313 |
| Weight / LBS | 7.233 |
| Inner Race Width | 1.89 Inch 48 Millimeter |
| Bore | 2.559 Inch 65 Millimeter |
| Outer Race Width | 1.89 Inch 48 Millimeter |
| | |



BEARING FORGE OF AMERICA CORP.

| | |
|----------------------------------|-----------------------------|
| Outside Diameter | 5.512 Inch 140 Millimeter |
| bore diameter: | 65 mm |
| static load capacity: | 32.5 kN |
| outside diameter: | 140 mm |
| precision rating: | Not Rated |
| overall width: | 48 mm |
| maximum rpm: | 6300 RPM |
| bore type: | Straight |
| finish/coating: | Uncoated |
| closure type: | Open |
| outer ring width: | 48 mm |
| internal clearance: | C0 |
| fillet radius: | 2 mm |
| dynamic load capacity: | 95.6 kN |
| series: | 2300 |
| d_1 | 86 mm |
| D_1 | 119.1 mm |
| $r_{1,2}$ min. | 2.1 mm |
| d_a min. | 77 mm |
| D_a max. | 128 mm |
| r_a max. | 2 mm |
| Basic dynamic load rating C | 95.6 kN |
| Basic static load rating C_0 | 32.5 kN |
| Fatigue load limit P_u | 1.66 kN |
| Permissible angular misalignment | 3 ° |
| Calculation factor k_r | 0.05 |
| Calculation factor e | 0.37 |
| Calculation factor Y_0 | 1.8 |
| Calculation factor Y_1 | 1.7 |
| Calculation factor Y_2 | 2.6 |
| Mass bearing | 3.25 kg |