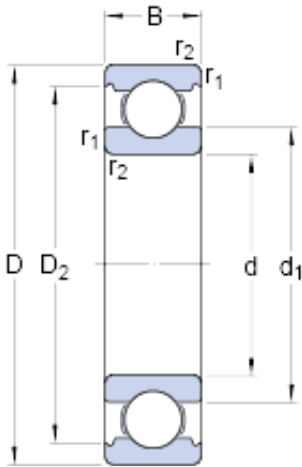




BEARING CORP.OF AMERICA



40 mm x 90 mm x 23 mm skf 6308 Deep groove ball bearings

Bearing No. 6308

6308 Bearing 2D drawings and 3D CAD models

| | |
|---|--------------------------|
| Size | 90x40x23 mm |
| Bore Diameter | 90 mm |
| Outer Diameter | 40 mm |
| Width | 23 mm |
| d | 40 mm |
| D | 90 mm |
| B | 23 mm |
| d ₁ | 56.11 mm |
| D ₂ | 77.7 mm |
| r _{1,2} - min. | 1.5 mm |
| d _a - min. | 49 mm |
| D _a - max. | 81 mm |
| r _a - max. | 1.5 mm |
| Basic dynamic load rating - C | 42.3 kN |
| Basic static load rating - C ₀ | 24 kN |
| Fatigue load limit - P _u | 1 kN |
| Reference speed | 17000 r/min |
| Limiting speed | 11000 r/min |
| Calculation factor - k _r | 0.03 |
| Calculation factor - f ₀ | 13.2 |
| Category | Single Row Ball Bearings |
| Inventory | 2.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |



BEARING CORP.OF AMERICA

| | |
|---------------------------------|--|
| Weight / Kilogram | 0.631 |
| EAN | 7316577738905 |
| Product Group | B00308 |
| Enclosure | Open |
| Precision Class | ABEC 1 ISO P0 |
| Maximum Capacity / Filling Slot | No |
| Rolling Element | Ball Bearing |
| Snap Ring | No |
| Internal Special Features | No |
| Cage Material | Steel |
| Internal Clearance | C0-Medium |
| Inch - Metric | Metric |
| Long Description | 40MM Bore; 90MM Outside Diameter; 23MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features |
| Category | Single Row Ball Bearing |
| UNSPSC | 31171504 |
| Harmonized Tariff Code | 8482.10.50.68 |
| Noun | Bearing |
| Keyword String | Ball |
| Manufacturer URL | http://www.skf.com |
| Manufacturer Item Number | 6308 |
| Weight / LBS | 1.39 |
| Outer Race Width | 0.906 Inch 23 Millimeter |
| Outside Diameter | 3.543 Inch 90 Millimeter |
| Bore | 1.575 Inch 40 Millimeter |
| d ₁ | 56.11 mm |
| D ₂ | 77.7 mm |
| r _{1,2} min. | 1.5 mm |
| | |



BEARING CORP.OF AMERICA

| | |
|--------------------------------|---------|
| d_a min. | 49 mm |
| D_a max. | 81 mm |
| r_a max. | 1.5 mm |
| Basic dynamic load rating C | 42.3 kN |
| Basic static load rating C_0 | 24 kN |
| Fatigue load limit P_u | 1.02 kN |
| Calculation factor k_r | 0.03 |
| Calculation factor f_0 | 13.2 |
| Mass bearing | 0.63 kg |