



FAG BEARING CORP.



2318 M Bearing 2D drawings and 3D CAD models

90 mm x 190 mm x 64 mm SKF 2318 M AUSTRIA Bearing

Bearing No. 2318 M

| | |
|-------------------------|---|
| Category | Self Aligning Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight | 8.46 |
| Product Group | B00152 |
| Mounting Method | Shaft |
| Enclosure | Open |
| Rolling Element | Ball Bearing |
| Cage Material | Brass |
| 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 | 90MM Bore; Shaft Mount; 190MM Outside Diameter; 64MM Inner Race Width; 64MM Outer Race Width; Open; Brass 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 |



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|---|---|
| Manufacturer URL | http://www.skf.com |
| Manufacturer Item Number | 2318 M |
| Weight / LBS | 18.629 |
| d | 3.543 Inch 90 Millimeter |
| Inner Race Width | 2.52 Inch 64 Millimeter |
| D | 7.48 Inch 190 Millimeter |
| Outer Race Width | 2.52 Inch 64 Millimeter |
| d | 90 mm |
| D | 190 mm |
| B | 64 mm |
| d ₁ | 121 mm |
| D ₁ | 162.2 mm |
| r _{1,2} min. | 3 mm |
| d _a min. | 104 mm |
| D _a max. | 176 mm |
| r _a max. | 3 mm |
| Basic dynamic load rating C | 151 kN |
| Basic static load rating C ₀ | 57 kN |
| Fatigue load limit P _u | 2.5 kN |
| Reference speed | 6300 r/min |
| Limiting speed | 4500 r/min |
| 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 | 8.45 kg |