



BROWNING BEARING COMPANY



50 mm x 80 mm x 16 mm skf 6010 bearing

Bearing No. 6010

6010 Bearing 2D drawings and 3D CAD models

| | |
|---|--------------------------|
| Size | 80x50x16 mm |
| Bore Diameter | 80 mm |
| Outer Diameter | 50 mm |
| Width | 16 mm |
| d | 50 mm |
| D | 80 mm |
| B | 16 mm |
| d ₁ | 59.75 mm |
| D ₂ | 72.8 mm |
| r _{1,2} - min. | 1 mm |
| d _a - min. | 54.6 mm |
| D _a - max. | 75.4 mm |
| r _a - max. | 1 mm |
| Basic dynamic load rating - C | 22.9 kN |
| Basic static load rating - C ₀ | 16 kN |
| Fatigue load limit - P _u | 0.71 kN |
| Reference speed | 18000 r/min |
| Limiting speed | 11000 r/min |
| Calculation factor - k _r | 0.025 |
| Calculation factor - f ₀ | 14.7 |
| Category | Single Row Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0.27 |



BROWNING BEARING COMPANY

| | |
|---------------------------------|--|
| EAN | 7316577064295 |
| 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 | 50MM Bore; 80MM Outside Diameter; 16MM 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 | 6010 |
| Weight / LBS | 0.59 |
| Bore | 1.969 Inch 50 Millimeter |
| Outside Diameter | 3.15 Inch 80 Millimeter |
| Outer Race Width | 0.63 Inch 16 Millimeter |
| d ₁ | 59.75 mm |
| r _{1,2} min. | 1 mm |
| d _a min. | 54.6 mm |
| D _a max. | 75.4 mm |
| | |



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| | |
|--------------------------------|---------|
| r_a max. | 1 mm |
| Basic dynamic load rating C | 22.9 kN |
| Basic static load rating C_0 | 16 kN |
| Fatigue load limit P_u | 0.71 kN |
| Calculation factor k_r | 0.025 |
| Calculation factor f_0 | 14.7 |
| Mass bearing | 0.26 kg |