



USK BEARING COMPANY



180 mm x 320 mm x 52 mm skf 6236 M Deep groove ball bearings

Bearing No. 6236 M

6236 M Bearing 2D drawings and 3D CAD models

| | |
|---|--------------------------|
| Size | 320x180x52 mm |
| Bore Diameter | 320 mm |
| Outer Diameter | 180 mm |
| Width | 52 mm |
| d | 180 mm |
| D | 320 mm |
| B | 52 mm |
| d ₁ | 226.6 mm |
| D ₁ | 273.3 mm |
| r _{1,2} - min. | 4 mm |
| d _a - min. | 197 mm |
| D _a - max. | 303 mm |
| r _a - max. | 3 mm |
| Basic dynamic load rating - C | 229 kN |
| Basic static load rating - C ₀ | 240 kN |
| Fatigue load limit - P _u | 6.4 kN |
| Reference speed | 4000 r/min |
| Limiting speed | 3800 r/min |
| Calculation factor - k _r | 0.025 |
| Calculation factor - f ₀ | 15.1 |
| Category | Single Row Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |



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|---------------------------------|--|
| Weight / Kilogram | 18.445 |
| EAN | 7316576618888 |
| 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 | Brass |
| Internal Clearance | C0-Medium |
| Inch - Metric | Metric |
| Long Description | 180MM Bore; 320MM Outside Diameter; 52MM 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 | 6236 M |
| Weight / LBS | 40.63 |
| Outside Diameter | 12.598 Inch 320 Millimeter |
| Bore | 7.087 Inch 180 Millimeter |
| Outer Race Width | 2.047 Inch 52 Millimeter |
| bore diameter: | 180 mm |
| static load capacity: | 240 kN |
| outside diameter: | 320 mm |
| | |



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|--------------------------------|---------------------------|
| precision rating: | ABEC 1 (ISO Class Normal) |
| overall width: | 52 mm |
| finish/coating: | Uncoated |
| bore type: | Round |
| cage material: | Brass |
| closure type: | Open |
| outer ring width: | 52 mm |
| row type & fill slot: | Single Row Non-Fill Slot |
| fillet radius: | 3 mm |
| snap ring included: | Without Snap Ring |
| maximum rpm: | 3800 RPM |
| internal clearance: | C0 |
| series: | 62 |
| dynamic load capacity: | 229 kN |
| d_1 | 226.6 mm |
| D_1 | 273.3 mm |
| $r_{1,2}$ min. | 4 mm |
| d_a min. | 197 mm |
| D_a max. | 303 mm |
| r_a max. | 3 mm |
| Basic dynamic load rating C | 229 kN |
| Basic static load rating C_0 | 240 kN |
| Fatigue load limit P_u | 6.4 kN |
| Calculation factor k_r | 0.025 |
| Calculation factor f_0 | 15.1 |
| Mass bearing | 17.8 kg |