



China abec 7 Bearing Supplier



6309 Bearing 2D drawings and 3D CAD models

High quality SKF 6309 6310 6311 6312 6313
6314 6315 6316 6317 Deep Groove Ball Bearing
SKF Bearings

Bearing No. 6309

| | |
|---|--------------------------|
| Size | 100x45x25 mm |
| Bore Diameter | 100 mm |
| Outer Diameter | 45 mm |
| Width | 25 mm |
| d | 45 mm |
| D | 100 mm |
| B | 25 mm |
| d ₁ | 62.18 mm |
| D ₂ | 86.7 mm |
| r _{1,2} - min. | 1.5 mm |
| d _a - min. | 54 mm |
| D _a - max. | 91 mm |
| r _a - max. | 1.5 mm |
| Basic dynamic load rating - C | 55.3 kN |
| Basic static load rating - C ₀ | 31.5 kN |
| Fatigue load limit - P _u | 1.3 kN |
| Reference speed | 15000 r/min |
| Limiting speed | 9500 r/min |
| Calculation factor - k _r | 0.03 |
| Calculation factor - f ₀ | 13 |
| Category | Single Row Ball Bearings |
| Inventory | 3.0 |
| Manufacturer Name | SKF |



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| | |
|---------------------------------|---|
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0.83 |
| 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 | 45MM Bore; 100MM Outside Diameter; 25MM 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 | 6309 |
| Weight / LBS | 1.83 |
| Outside Diameter | 3.937 Inch 100 Millimeter |
| Outer Race Width | 0.984 Inch 25 Millimeter |
| Bore | 1.772 Inch 45 Millimeter |
| d ₁ | 62.18 mm |
| D ₂ | 86.7 mm |
| r _{1,2} min. | 1.5 mm |
| | |



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| | |
|--------------------------------|---------|
| d_a min. | 54 mm |
| D_a max. | 91 mm |
| r_a max. | 1.5 mm |
| Basic dynamic load rating C | 55.3 kN |
| Basic static load rating C_0 | 31.5 kN |
| Fatigue load limit P_u | 1.34 kN |
| Calculation factor k_r | 0.03 |
| Calculation factor f_0 | 13 |
| Mass bearing | 0.83 kg |