



China Abec 7 Bearing Supplier



6309 Bearing 2D drawings and 3D CAD models

6309 2RS 6309 ZZ SKF deep groove ball bearings 6309

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 |
| Minimum Buy Quantity | N/A |



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| | |
|---------------------------------|---|
| Weight / Kilogram | 0.83 |
| EAN | 7316577062000 |
| 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 |