



China 608 Bearing Supplier



Deep Groove Ball Bearing, 6301 6302 6303 6304
6305 6306, Bearing Steel, SKF, NSK, NTN, Auto,
Motorcycle, Home Electronics, Motor

Bearing No. 6301

6301 Bearing 2D drawings and 3D CAD models

| | |
|-------------------------------|--------------------------|
| Size | 12x37x12 mm |
| Bore Diameter | 12 mm |
| Outer Diameter | 37 mm |
| Width | 12 mm |
| d | 12 mm |
| D | 37 mm |
| B | 12 mm |
| C | 12 mm |
| d1 | 19,5 mm |
| r1 min. | 1 mm |
| r2 min. | 1 mm |
| D1 | 29,5 mm |
| D2 | 31,5 mm |
| da min. | 17,6 mm |
| Da max. | 31,4 mm |
| rc max. | 1 mm |
| Weight | 0,06 Kg |
| Basic dynamic load rating (C) | 10,1 kN |
| Basic static load rating (C0) | 4,15 kN |
| Fatigue load limit (Pu) | 0,176 |
| Reference speed | 45000 r/min |
| Limiting speed | 28000 r/min |
| Calculation factor (f0) | 11 |
| Category | Single Row Ball Bearings |



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|---------------------------------|--|
| Inventory | 0.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0.061 |
| EAN | 7316577101006 |
| 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 | 12MM Bore; 37MM Outside Diameter; 12MM 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 | 6301 |
| Weight / LBS | 0.13 |
| Bore | 0.472 Inch 12 Millimeter |
| Outer Race Width | 0.472 Inch 12 Millimeter |
| Outside Diameter | 1.457 Inch 37 Millimeter |
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|--------------------------------|----------|
| d_1 | 19.51 mm |
| D_2 | 31.48 mm |
| d_a min. | 17.6 mm |
| D_a max. | 31.4 mm |
| r_a max. | 1 mm |
| Basic dynamic load rating C | 10.1 kN |
| Basic static load rating C_0 | 4.15 kN |
| Fatigue load limit P_u | 0.176 kN |
| Calculation factor k_r | 0.03 |
| Calculation factor f_0 | 11 |
| Mass bearing | 0.059 kg |