



SKF 51409 thrust ball bearings

Bearing No. 51409

51409 Bearing 2D drawings and 3D CAD models

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| Size | 45x100x39 mm |
| Bore Diameter | 45 mm |
| Outer Diameter | 100 mm |
| Width | 39 mm |
| d | 45 mm |
| D | 100 mm |
| H | 39 mm |
| d1 | 100 mm |
| r1 min. | 1,1 mm |
| r2 min. | 1,1 mm |
| D1 | 47 mm |
| da min. | 78 mm |
| Da max. | 67 mm |
| ra max. | 1 mm |
| Weight | 1,4 Kg |
| Basic dynamic load rating (C) | 124 kN |
| Basic static load rating (C0) | 240 kN |
| Fatigue load limit (Pu) | 9 |
| Reference speed | 2200 r/min |
| Limiting speed | 3000 r/min |
| Category | Thrust Ball Bearing |
| Inventory | 0.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 1.433 |
| EAN | 7316576678035 |



Shanghai Ruonan-Power Co., Ltd.

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| Product Group | B00308 |
| Rolling Element | Ball Bearing |
| Thrust Bearing | Yes |
| Single or Double Direction | Single Direction |
| Banded | No |
| Cage Material | Steel |
| Precision Class | ABEC 1 ISO P0 |
| Component Description | Roller Assembly Plus Raceways |
| Other Features | Single Row |
| Long Description | 45MM Bore 1; 47MM Bore 2; 100MM Outside Diameter; 39MM Height; Ball Bearing; Single Direction; Not Banded; Steel Cage; ABEC 1 ISO P0 Precision |
| Inch - Metric | Metric |
| Category | Thrust Ball Bearings |
| UNSPSC | 31171507 |
| Harmonized Tariff Code | 8482.10.50.08 |
| Noun | Bearing |
| Keyword String | Ball Thrust |
| Manufacturer URL | http://www.skf.com |
| Manufacturer Item Number | 51409 |
| Weight / LBS | 3.157 |
| Height | 1.535 Inch 39 Millimeter |
| Bore 2 | 1.85 Inch 47 Millimeter |
| Bore 1 | 1.772 Inch 45 Millimeter |
| Overall Height with Aligning Washer | 0 Inch 0 Millimeter |
| Outside Diameter | 3.937 Inch 100 Millimeter |
| bore diameter: | 45 mm |
| static load capacity: | 240 kN |
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|---|---------------------------|
| outside diameter: | 100 mm |
| dynamic load capacity: | 124 kN |
| overall width: | 39 mm |
| maximum rpm: | 3000 RPM |
| thrust bearing type: | Single-Direction |
| cage material: | Steel |
| outside diameter design: | Straight |
| fillet radius: | 1 mm |
| separable or banded: | Separable |
| series: | 514 |
| precision rating: | ABEC 1 (ISO Class Normal) |
| d_1 | 100 mm |
| D_1 | 47 mm |
| $r_{1,2}$ min. | 1.1 mm |
| d_a min. | 78 mm |
| D_a max. | 67 mm |
| r_a max. | 1 mm |
| Basic dynamic load rating C | 124 kN |
| Basic static load rating C_0 | 240 kN |
| Fatigue load limit P_u | 9 kN |
| Minimum load factor A | 0.37 |
| Mass bearing (including seat washer where applicable) | 1.4 kg |