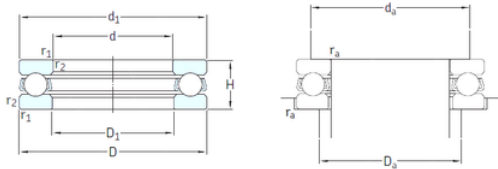




Accessories Rolamentos do Brasil Ltda.



High Precision SKF Thrust Ball Bearing 51205 Bearing for Doors

Bearing No. 51205

51205 Bearing 2D drawings and 3D CAD models

| | |
|-------------------------------|---------------------|
| Size | 25x47x15 mm |
| Bore Diameter | 25 mm |
| Outer Diameter | 47 mm |
| Width | 15 mm |
| d | 25 mm |
| D | 47 mm |
| H | 15 mm |
| d1 | 47 mm |
| r1 min. | 0,6 mm |
| r2 min. | 0,6 mm |
| D1 | 27 mm |
| da min. | 38 mm |
| Da max. | 34 mm |
| ra max. | 0,6 mm |
| Weight | 0,11 Kg |
| Basic dynamic load rating (C) | 26,5 kN |
| Basic static load rating (C0) | 50 kN |
| Fatigue load limit (Pu) | 1,86 |
| Reference speed | 5300 r/min |
| Limiting speed | 7500 r/min |
| Category | Thrust Ball Bearing |
| Inventory | 2.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0.117 |



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| | |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| EAN | 7316577058522 |
| 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 | 25MM Bore 1; 27MM Bore 2; 47MM Outside Diameter; 15MM 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 | 51205 |
| Weight / LBS | 0.257 |
| Bore 2 | 1.063 Inch 27 Millimeter |
| Height | 0.591 Inch 15 Millimeter |
| Overall Height with Aligning Washer | 0 Inch 0 Millimeter |
| Bore 1 | 0.984 Inch 25 Millimeter |
| Outside Diameter | 1.85 Inch 47 Millimeter |
| bore diameter: | 25 mm |
| static load capacity: | 50 kN |
| | |



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| | |
|-------------------------------------------------------|---------------------------|
| outside diameter: | 47 mm |
| dynamic load capacity: | 26.5 kN |
| overall width: | 15 mm |
| maximum rpm: | 7500 RPM |
| thrust bearing type: | Single-Direction |
| cage material: | Steel |
| outside diameter design: | Straight |
| fillet radius: | 0.6 mm |
| separable or banded: | Separable |
| series: | 512 |
| precision rating: | ABEC 1 (ISO Class Normal) |
| d_1 | 47 mm |
| D_1 | 27 mm |
| $r_{1,2}$ min. | 0.6 mm |
| d_a min. | 38 mm |
| D_a max. | 34 mm |
| r_a max. | 0.6 mm |
| Basic dynamic load rating C | 26.5 kN |
| Basic static load rating C_0 | 50 kN |
| Fatigue load limit P_u | 1.86 kN |
| Minimum load factor A | 0.015 |
| Mass bearing (including seat washer where applicable) | 0.11 kg |