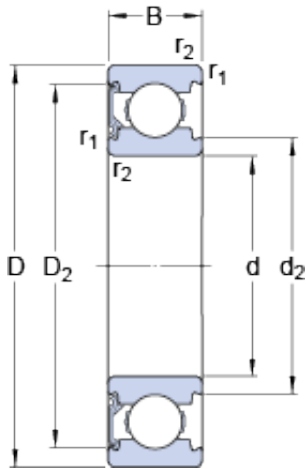




NTN bearing de Mexico, S.A.



6005-RSH Bearing 2D drawings and 3D CAD models

25 mm x 47 mm x 12 mm skf 6005-RSH Deep groove ball bearings

Bearing No. 6005-RSH

| | |
|---|--------------------------|
| Size | 47x25x12 mm |
| Bore Diameter | 47 mm |
| Outer Diameter | 25 mm |
| Width | 12 mm |
| d | 25 mm |
| D | 47 mm |
| B | 12 mm |
| d ₂ | 29.45 mm |
| D ₂ | 42.2 mm |
| r _{1,2} - min. | 0.6 mm |
| d _a - min. | 28.2 mm |
| d _a - max. | 29.5 mm |
| D _a - max. | 43.8 mm |
| r _a - max. | 0.6 mm |
| Basic dynamic load rating - C | 11.9 kN |
| Basic static load rating - C ₀ | 6.6 kN |
| Fatigue load limit - P _u | 0.275 kN |
| Limiting speed | 20000 r/min |
| Calculation factor - k _r | 0.025 |
| Calculation factor - f ₀ | 14 |
| Category | Single Row Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |



NTN bearing de Mexico, S.A.

| | |
|---------------------------------|--|
| Weight / Kilogram | 0.084 |
| Product Group | B00308 |
| Enclosure | 1 Seal |
| 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 |
| Enclosure Type | Contact Seal |
| Internal Clearance | C0-Medium |
| Inch - Metric | Metric |
| Long Description | 25MM Bore; 47MM Outside Diameter; 12MM Outer Race Width; 1 Seal; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage; C |
| Other Features | Deep Groove NBR Seal |
| 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 | 6005-RSH |
| Weight / LBS | 0.177 |
| Outer Race Width | 0.472 Inch 12 Millimeter |
| Inner Race Width | 0 Inch 0 Millimeter |
| Bore | 0.984 Inch 25 Millimeter |
| Outside Diameter | 1.85 Inch 47 Millimeter |



NTN bearing de Mexico, S.A.

| | |
|--------------------------------|--------------------------|
| bore diameter: | 25 mm |
| static load capacity: | 6.55 kN |
| outside diameter: | 47 mm |
| precision rating: | Not Rated |
| overall width: | 12 mm |
| finish/coating: | Uncoated |
| bore type: | Round |
| cage material: | Steel |
| closure type: | Single Seal |
| outer ring width: | 12 mm |
| row type & fill slot: | Single Row Non-Fill Slot |
| fillet radius: | 0.6 mm |
| internal clearance: | C0 |
| maximum rpm: | 9500 RPM |
| operating temperature range: | -40 to +210 ° F |
| series: | 60 |
| dynamic load capacity: | 11.9 kN |
| d_2 | 29.45 mm |
| D_2 | 42.2 mm |
| $r_{1,2}$ min. | 0.6 mm |
| d_a min. | 28.2 mm |
| d_a max. | 29.5 mm |
| D_a max. | 43.8 mm |
| r_a max. | 0.6 mm |
| Basic dynamic load rating C | 11.9 kN |
| Basic static load rating C_0 | 6.55 kN |
| Fatigue load limit P_u | 0.275 kN |
| Calculation factor k_r | 0.025 |
| Calculation factor f_0 | 14 |
| Mass bearing | 0.078 kg |