

SKF SY 45 TF/VA201 bearing units

SKF SY 45 TF/VA201 bearing units Industries and Applications
N/A Minimum Buy Quantity ? We sell discount 0.0 Inventory
online as well as cheap machinery parts.

| | |
|-------------------------|--|
| Inventory | 0.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight | 0.717 |
| EAN | 7316577044501 |
| Product Group | B00152 |
| Mounting Method | Shaft |
| Enclosure | 2 Seals |
| Rolling Element | Ball Bearing |
| Cage Material | Polyamide |
| Precision Class | ABEC 1 ISO P0 |
| Internal Clearance | C0-Medium |
| Number of Rows of Balls | Double Row |
| Other Features | Allowable Misalignment 1.5 Deg High Capacity Design |
| Long Description | 35MM Bore; Shaft Mount; 80MM Outside Diameter; 31MM Inner Race Width; 31MM Outer Race Width; 2 Seals |
| Inch – Metric | Metric |
| UNSPSC | 31171532 |
| Harmonized Tariff Code | 8482.10.50.68 |

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|------------------------------|-----------------------------|
| Noun | Bearing |
| Keyword String | Self Aligning |
| Manufacturer Item Number | 2307 E-2RS1TN9 |
| Weight / LBS | 1.579 |
| d | 35 mm |
| Inner Race Width | 1.22 Inch 31 Millimeter |
| Outer Race Width | 1.22 Inch 31 Millimeter |
| D | 80 mm |
| bore diameter: | 35 mm |
| precision rating: | Not Rated |
| outside diameter: | 80 mm |
| maximum rpm: | 5600 RPM |
| overall width: | 31 mm |
| cage material: | Fiberglass Reinforced Nylon |
| bore type: | Straight |
| finish/coating: | Uncoated |
| closure type: | Double Sealed |
| maximum misalignment: | 3 ° |
| internal clearance: | C0 |
| outer ring width: | 31 mm |
| operating temperature range: | -40 to +210 °F |
| fillet radius: | 1.5 mm |
| dynamic load capacity: | 26.5 kN |
| series: | 2300 |
| static load capacity: | 8.5 kN |
| B | 31 mm |
| d2 ≈ | 43.7 mm |
| D2 ≈ | 69.2 mm |

| | |
|---|------------|
| r _{1,2} min. | 1.5 mm |
| d _a min. | 43.5 mm |
| d _a max. | 43.5 mm |
| D _a max. | 71 mm |
| r _a max. | 1.5 mm |
| Basic dynamic load rating C | 26.5 kN |
| Basic static load rating C ₀ | 8.5 kN |
| Fatigue load limit P _u | 0.43 kN |
| Limiting speed | 5600 r/min |
| Permissible angular misalignment α | 1.5 ° |
| Calculation factor k _r | 0.05 |
| Calculation factor e | 0.25 |
| Calculation factor Y ₀ | 2.5 |
| Calculation factor Y ₁ | 2.5 |
| Calculation factor Y ₂ | 3.9 |
| Mass bearing | 0.7 kg |