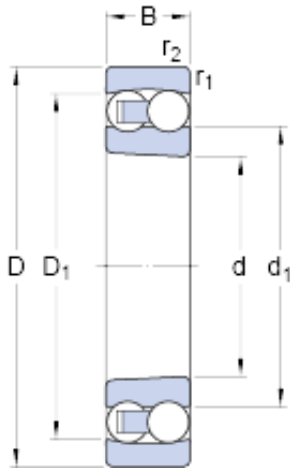




MianKang Bearing Co., Ltd.



skf 2210 ektn9 bearing

Bearing No. 2210 ektn9

2210 ektn9 Bearing 2D drawings and 3D CAD models

| | |
|---|-----------------------------|
| Size | 90x50x23 mm |
| Bore Diameter | 90 mm |
| Outer Diameter | 50 mm |
| Width | 23 mm |
| d | 50 mm |
| D | 90 mm |
| B | 23 mm |
| d ₁ | 61.47 mm |
| D ₁ | 80.2 mm |
| r _{1,2} - min. | 1.1 mm |
| D _a - max. | 83 mm |
| r _a - max. | 1.1 mm |
| Basic dynamic load rating - C | 33.8 kN |
| Basic static load rating - C ₀ | 11.2 kN |
| Fatigue load limit - P _u | 0.57 kN |
| Reference speed | 14000 r/min |
| Limiting speed | 9500 r/min |
| Calculation factor - k _r | 0.045 |
| Calculation factor - e | 0.23 |
| Calculation factor - Y ₀ | 2.8 |
| Calculation factor - Y ₁ | 2.7 |
| Calculation factor - Y ₂ | 4.2 |
| Category | Self Aligning Ball Bearings |
| Inventory | 0.0 |
| | |



MianKang Bearing Co., Ltd.

| | |
|--------------------------|--|
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0.6 |
| EAN | 7316576620577 |
| Product Group | B00152 |
| Mounting Method | Tapered Adapter |
| Enclosure | Open |
| Rolling Element | Ball Bearing |
| Adapter Sleeve | H-310 |
| Cage Material | Polyamide |
| Precision Class | ABEC 1 ISO P0 |
| Internal Clearance | C0-Medium |
| Number of Rows of Balls | Double Row |
| Other Features | Allowable Misalignment 2.5 Deg High Capacity Design 1:12 Taper |
| Long Description | 50MM Bore; Tapered Adapter Mount; 90MM Outside Diameter; 23MM Inner Race Width; 23MM Outer Race Width; Open; Polyamide Cage; Double Row of Balls; ABEC 1 ISO P0; C0-Medium |
| Inch - Metric | Metric |
| Category | Self Aligning Ball Bearings |
| UNSPSC | 31171532 |
| Harmonized Tariff Code | 8482.10.50.68 |
| Noun | Bearing |
| Keyword String | Self Aligning |
| Manufacturer URL | http://www.skf.com |
| Manufacturer Item Number | 2210 EKTN9 |
| Weight / LBS | 1.323 |
| Outer Race Width | 0.906 Inch 23 Millimeter |
| Inner Race Width | 0.906 Inch 23 Millimeter |



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|----------------------------------|-----------------------------|
| Outside Diameter | 3.543 Inch 90 Millimeter |
| Bore | 1.969 Inch 50 Millimeter |
| bore diameter: | 50 mm |
| precision rating: | Not Rated |
| outside diameter: | 90 mm |
| maximum rpm: | 9500 RPM |
| overall width: | 23 mm |
| cage material: | Fiberglass Reinforced Nylon |
| bore type: | Tapered 1:12 |
| finish/coating: | Uncoated |
| closure type: | Open |
| maximum misalignment: | 2.5 ° |
| internal clearance: | C0 |
| outer ring width: | 23 mm |
| dynamic load capacity: | 33.8 kN |
| fillet radius: | 1.1 mm |
| static load capacity: | 11.2 kN |
| series: | 2200 |
| d_1 | 61.47 mm |
| D_1 | 80.2 mm |
| $r_{1,2}$ min. | 1.1 mm |
| D_a max. | 83 mm |
| r_a max. | 1.1 mm |
| Basic dynamic load rating C | 33.8 kN |
| Basic static load rating C_0 | 11.2 kN |
| Fatigue load limit P_u | 0.57 kN |
| Permissible angular misalignment | 2.5 ° |
| Calculation factor k_r | 0.045 |
| Calculation factor e | 0.23 |
| Calculation factor Y_0 | 2.8 |
| Calculation factor Y_1 | 2.7 |
| Calculation factor Y_2 | 4.2 |



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| | |
|--------------|--------|
| Mass bearing | 0.6 kg |
|--------------|--------|