



# MianKang Bearing Co., Ltd.



1207 ektn9 Bearing 2D drawings and 3D CAD models

## skf 1207 ektn9 bearing

Bearing No. 1207 ektn9

|                         |  |
|-------------------------|--|
| Category                | Self Aligning Ball Bearings  |
| Inventory               | 0.0  |
| Manufacturer Name       | SKF  |
| Minimum Buy Quantity    | N/A  |
| Weight                  | 0.321  |
| EAN                     | 7316576621642  |
| Product Group           | B00152   |
| Mounting Method         | Tapered Adapter  |
| Enclosure               | Open   |
| Rolling Element         | Ball Bearing   |
| Adapter Sleeve          | H-207  |
| 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        | 35MM Bore; Tapered Adapter Mount; 72MM Outside Diameter; 17MM Inner Race Width; 17MM 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   |



## MianKang Bearing Co., Ltd.

|                          |   |
|--------------------------|---|
| Harmonized Tariff Code   | 8482.10.50.68                                       |
| Noun                     | Bearing   |
| Keyword String           | Self Aligning                                       |
| Manufacturer URL         | <a href="http://www.skf.com">http://www.skf.com</a> |
| Manufacturer Item Number | 1207 EKTN9  |
| Weight / LBS             | 0.705   |
| D                        | 2.835 Inch   72 Millimeter                          |
| Inner Race Width         | 0.669 Inch   17 Millimeter                          |
| d                        | 1.378 Inch   35 Millimeter                          |
| Outer Race Width         | 0.669 Inch   17 Millimeter                          |
| bore diameter:           | 35 mm   |
| precision rating:        | Not Rated   |
| outside diameter:        | 72 mm   |
| maximum rpm:             | 13000 RPM   |
| overall width:           | 17 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:        | 17 mm   |
| dynamic load capacity:   | 19 kN   |
| fillet radius:           | 1.1 mm  |
| static load capacity:    | 6 kN  |
| series:                  | 1200  |
| d                        | 35 mm   |
| D                        | 72 mm   |
| B                        | 17 mm   |
| d <sub>1</sub>           | 47 mm   |
| D <sub>1</sub>           | 60.9 mm   |
| r <sub>1,2</sub> min.    | 1.1 mm  |
|                          |   |



## MianKang Bearing Co., Ltd.

|   |             |
|---|-------------|
| D <sub>a</sub> max.                     | 65 mm       |
| r <sub>a</sub> max.                     | 1.1 mm      |
| Basic dynamic load rating C             | 19 kN       |
| Basic static load rating C <sub>0</sub> | 6 kN        |
| Fatigue load limit P <sub>u</sub>       | 0.31 kN     |
| Reference speed                         | 20000 r/min |
| Limiting speed                          | 13000 r/min |
| Permissible angular misalignment        | 2.5 °       |
| Calculation factor k <sub>r</sub>       | 0.04        |
| Calculation factor e                    | 0.23        |
| Calculation factor Y <sub>0</sub>       | 2.8         |
| Calculation factor Y <sub>1</sub>       | 2.7         |
| Calculation factor Y <sub>2</sub>       | 4.2         |
| Mass bearing                            | 0.32 kg     |