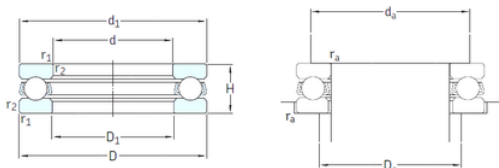




# MianKang Bearing Co., Ltd.

## skf 51204 bearing

Bearing No. 51204



51204 Bearing 2D drawings and 3D CAD models

|                               |                     |
|-------------------------------|---------------------|
| Size                          | 20x40x14 mm         |
| Bore Diameter                 | 20 mm               |
| Outer Diameter                | 40 mm               |
| Width                         | 14 mm               |
| d                             | 20 mm               |
| D                             | 40 mm               |
| H                             | 14 mm               |
| d1                            | 40 mm               |
| r1 min.                       | 0,6 mm              |
| r2 min.                       | 0,6 mm              |
| D1                            | 22 mm               |
| da min.                       | 32 mm               |
| Da max.                       | 28 mm               |
| ra max.                       | 0,6 mm              |
| Weight                        | 0,083 Kg            |
| Basic dynamic load rating (C) | 21,2 kN             |
| Basic static load rating (C0) | 37,5 kN             |
| Fatigue load limit (Pu)       | 1,4                 |
| Reference speed               | 6000 r/min          |
| Limiting speed                | 8000 r/min          |
| Category                      | Thrust Ball Bearing |
| Inventory                     | 0.0                 |
| Manufacturer Name             | SKF                 |
| Minimum Buy Quantity          | N/A                 |
| Weight / Kilogram             | 0.085               |
| EAN                           | 7316577058539       |



## MianKang Bearing Co., Ltd.

|                                     |   |
|-------------------------------------|---|
| 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                    | 20MM Bore 1; 22MM Bore 2; 40MM Outside Diameter; 14MM 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                    | <a href="http://www.skf.com">http://www.skf.com</a>   |
| Manufacturer Item Number            | 51204   |
| Weight / LBS                        | 0.187   |
| Bore 2                              | 0.866 Inch   22 Millimeter  |
| Outside Diameter                    | 1.575 Inch   40 Millimeter  |
| Overall Height with Aligning Washer | 0 Inch   0 Millimeter   |
| Bore 1                              | 0.787 Inch   20 Millimeter  |
| Height                              | 0.551 Inch   14 Millimeter  |
| bore diameter:                      | 20 mm   |
| static load capacity:               | 37.5 kN   |
| outside diameter:                   | 40 mm   |
|                                     |   |



## MianKang Bearing Co., Ltd.

|   |                           |
|---|---------------------------|
| dynamic load capacity:                                | 21.2 kN                   |
| overall width:  | 14 mm                     |
| maximum rpm:  | 8000 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) |
| $d_1$   | 40 mm                     |
| $D_1$   | 22 mm                     |
| $r_{1,2}$ min.  | 0.6 mm                    |
| $d_a$ min.  | 32 mm                     |
| $D_a$ max.  | 28 mm                     |
| $r_a$ max.  | 0.6 mm                    |
| Basic dynamic load rating C                           | 21.2 kN                   |
| Basic static load rating $C_0$                        | 37.5 kN                   |
| Fatigue load limit $P_u$                              | 1.4 kN                    |
| Minimum load factor A                                 | 0.0085                    |
| Mass bearing (including seat washer where applicable) | 0.083 kg                  |