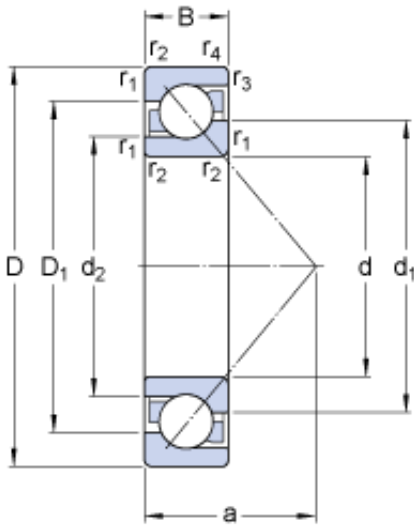




# PCIF BEARING LIMITED

## 30 mm x 62 mm x 16 mm skf 7206 bep bearing

Bearing No. 7206 bep



7206 bep Bearing 2D drawings and 3D CAD models

|   |             |
|---|-------------|
| Size                                      | 62x30x16 mm |
| Bore Diameter                             | 62 mm       |
| Outer Diameter                            | 30 mm       |
| Width                                     | 16 mm       |
| d   | 30 mm       |
| D   | 62 mm       |
| B   | 16 mm       |
| d <sub>1</sub>                            | 42.65 mm    |
| d <sub>2</sub>                            | 36.13 mm    |
| D <sub>1</sub>                            | 50.1 mm     |
| a   | 27.3 mm     |
| r <sub>1,2</sub> - min.                   | 1 mm        |
| r <sub>3,4</sub> - min.                   | 0.6 mm      |
| d <sub>a</sub> - min.                     | 35.6 mm     |
| D <sub>a</sub> - max.                     | 56.4 mm     |
| D <sub>b</sub> - max.                     | 57.8 mm     |
| r <sub>a</sub> - max.                     | 1 mm        |
| r <sub>b</sub> - max.                     | 0.6 mm      |
| Basic dynamic load rating - C             | 22.5 kN     |
| Basic static load rating - C <sub>0</sub> | 14.3 kN     |
| Fatigue load limit - P <sub>u</sub>       | 0.61 kN     |
| Reference speed                           | 13000 r/min |
| Limiting speed                            | 13000 r/min |
| Calculation factor - k <sub>r</sub>       | 0.095       |
| Calculation factor - k <sub>a</sub>       | 1.4         |



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|                                     |  |
|-------------------------------------|--|
| Calculation factor - e              | 1.14                                   |
| Calculation factor - X              | 0.57                                   |
| Calculation factor - Y <sub>0</sub> | 0.52                                   |
| Calculation factor - Y <sub>1</sub> | 0.55                                   |
| Calculation factor - Y <sub>2</sub> | 0.93                                   |
| Calculation factor - X              | 0.35                                   |
| Calculation factor - Y <sub>0</sub> | 0.26                                   |
| Calculation factor - Y <sub>1</sub> |  |
| Calculation factor - Y <sub>2</sub> | 0.57                                   |
| Category                            | Angular Contact Ball Bearings          |
| Inventory                           | 0.0                                    |
| Manufacturer Name                   | SKF                                    |
| Minimum Buy Quantity                | N/A                                    |
| Weight / Kilogram                   | 0.19                                   |
| EAN                                 | 7316571410364                          |
| Product Group                       | B00308                                 |
| Enclosure                           | Open                                   |
| Flush Ground                        | No                                     |
| Rolling Element                     | Ball Bearing                           |
| Number of Rows of Balls             | Single Row                             |
| Precision Class                     | ABEC 3   ISO P6                        |
| Maximum Capacity / Filling Slot     | No                                     |
| Snap Ring                           | No                                     |
| Cage Material                       | Polymer                                |
| Contact Angle                       | 40 Degree                              |
| Internal Clearance                  | C0-Medium                              |
| Number of Bearings                  | 1 (Single)                             |
| Inch - Metric                       | Metric                                 |
| Long Description                    | 30MM Bore; 62MM Outside Diameter; 16MM |



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|                               |   |
|-------------------------------|---|
|                               | Width; Open; No Flush Ground; Ball Bearing; Single Row of Balls; ABEC 3   ISO P6; No Filling Slot; No Snap Ring |
| Category                      | Angular Contact Ball Bearing  |
| UNSPSC                        | 31171531  |
| Harmonized Tariff Code        | 8482.10.50.28   |
| Noun                          | Bearing   |
| Keyword String                | Angular Contact   |
| Manufacturer URL              | <a href="http://www.skf.com">http://www.skf.com</a>   |
| Manufacturer Item Number      | 7206 BEP  |
| Weight / LBS                  | 0.414   |
| Outside Diameter              | 2.441 Inch   62 Millimeter  |
| Width                         | 0.63 Inch   16 Millimeter   |
| Bore                          | 1.181 Inch   30 Millimeter  |
| bore diameter:                | 30 mm   |
| radial static load capacity:  | 14.3 kN   |
| outside diameter:             | 62 mm   |
| cage material:                | Nylon   |
| overall width:                | 16 mm   |
| outer ring width:             | 16 mm   |
| contact angle:                | 40 °  |
| maximum rpm:                  | 13000 RPM   |
| row type & fill slot:         | Single-Row Non-Fill Slot  |
| finish/coating:               | Uncoated  |
| internal clearance:           | C0  |
| precision rating:             | ABEC 3 (ISO Class 6)  |
| closure type:                 | Open  |
| fillet radius:                | 1 mm  |
| radial dynamic load capacity: | 22.5 kN   |
| series:                       | 72  |



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|                                |          |
|--------------------------------|----------|
| $d_1$                          | 42.65 mm |
| $d_2$                          | 36.13 mm |
| $D_1$                          | 50.1 mm  |
| $r_{1,2}$ min.                 | 1 mm     |
| $r_{3,4}$ min.                 | 0.6 mm   |
| $d_a$ min.                     | 35.6 mm  |
| $D_a$ max.                     | 56.4 mm  |
| $D_b$ max.                     | 57.8 mm  |
| $r_a$ max.                     | 1 mm     |
| $r_b$ max.                     | 0.6 mm   |
| Basic dynamic load rating C    | 22.5 kN  |
| Basic static load rating $C_0$ | 14.3 kN  |
| Fatigue load limit $P_u$       | 0.61 kN  |
| Calculation factor A           | 0.00377  |
| Calculation factor $k_r$       | 0.095    |
| Calculation factor e           | 1.14     |
| Calculation factor X           | 0.35     |
| Calculation factor $Y_0$       | 0.26     |
| Calculation factor $Y_2$       | 0.57     |
| Calculation factor X           | 0.57     |
| Calculation factor $Y_0$       | 0.52     |
| Calculation factor $Y_1$       | 0.55     |
| Calculation factor $Y_2$       | 0.93     |
| Mass bearing                   | 0.2 kg   |