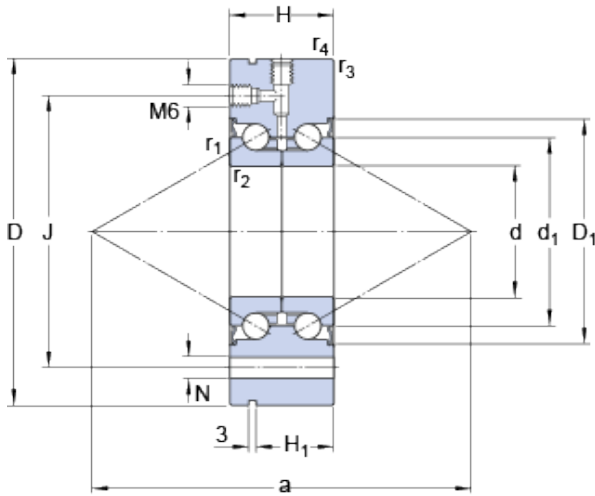




# San Driveshaft Co., Ltd.



## SKF BEAM 025075-2RS angular contact thrust ball bearings for screw drives

Bearing No. BEAM 025075-2RS

BEAM 025075-2RS Bearing 2D drawings and 3D CAD models

|   |             |
|---|-------------|
| Size                                      | 25x75x28 mm |
| Bore Diameter                             | 25 mm       |
| Outer Diameter                            | 75 mm       |
| Width                                     | 28 mm       |
| d   | 25 mm       |
| D   | 75 mm       |
| H   | 28 mm       |
| d <sub>1</sub>                            | 40.5 mm     |
| D <sub>1</sub>                            | 49 mm       |
| H <sub>1</sub>                            | 19 mm       |
| r <sub>1,2</sub> - min.                   | 0.3 mm      |
| r <sub>3,4</sub> - min.                   | 0.8 mm      |
| a   | 84 mm       |
| J   | 58 mm       |
| H   | 6.8 mm      |
| d <sub>a</sub> - min.                     | 32 mm       |
| D <sub>a</sub> - max.                     | 49 mm       |
| r <sub>a</sub> - max.                     | 0.6 mm      |
| Basic dynamic load rating - C             | 27.6 kN     |
| Basic static load rating - C <sub>0</sub> | 55 kN       |
| Fatigue load limit - P <sub>u</sub>       | 2 kN        |
| Limiting speed                            | 3400 r/min  |
| Preload                                   | 1920 N      |
| Frictional moment                         | 0.4 N · m   |



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|                               |   |
|-------------------------------|---|
| Static Axial rigidity         | 770 N/micron  |
| Mass bearing                  | 0.72 kg   |
| Required attachment bolt size | M6  |
| Category                      | Precision Ball Bearings   |
| Inventory                     | 0.0   |
| Manufacturer Name             | SKF   |
| Minimum Buy Quantity          | N/A   |
| Weight / Kilogram             | 0.718   |
| EAN                           | 7316571986470   |
| Product Group                 | B04270  |
| Enclosure                     | 2 Seals   |
| Precision Class               | ABEC 7   ISO P4   |
| Material - Ball               | Steel   |
| Number of Bearings            | 1 (Single)  |
| Contact Angle                 | 60 Degree   |
| Raceway Style                 | Not Applicable  |
| Cage Material                 | Polyamide   |
| Rolling Element               | Ball Bearing  |
| Enclosure Type                | Contact Seal  |
| Flush Ground                  | No  |
| Inch - Metric                 | Metric  |
| Other Features                | Double Row   Angular Contact Thrust Bearing   Double Direction  |
| Long Description              | 25MM Bore; 75MM Outside Diameter; 28MM Width; 2 Seals Enclosure; ABEC 7   ISO P4 Precision; Steel Ball Material; 1 (Single) Bearing; 60 Degree Contact Angle; Polyamide Cage Material; Ball Bearing |
| Category                      | Precision Ball Bearings   |
| UNSPSC                        | 31171531  |
|                               |   |



## San Driveshaft Co., Ltd.

|                          |   |
|--------------------------|---|
| Harmonized Tariff Code   | 8482.10.50.28                                       |
| Noun                     | Bearing   |
| Keyword String           | Ball Angular Contact                                |
| Manufacturer URL         | <a href="http://www.skf.com">http://www.skf.com</a> |
| Manufacturer Item Number | BEAM 025075-2RS                                     |
| Weight / LBS             | 0.062   |
| Outside Diameter         | 2.953 Inch   75 Millimeter                          |
| Width                    | 1.102 Inch   28 Millimeter                          |
| Bore                     | 0.984 Inch   25 Millimeter                          |