



FYRP 4 Bearing 2D drawings and 3D CAD models

SKF FYRP 4 bearing units

Bearing No. FYRP 4

|                               |                        |
|-------------------------------|------------------------|
| Size                          | 101.6x152.4x206.375 mm |
| Bore Diameter                 | 101,6 mm               |
| Outer Diameter                | 152,4 mm               |
| Width                         | 206,375 mm             |
| $d_a$                         | 101.6 mm               |
| $d_2$                         | 152.4 mm               |
| $D_a$                         | 206.375 mm             |
| A                             | 92.075 mm              |
| $A_1$                         | 121.444 mm             |
| $A_2$                         | 61.119 mm              |
| $A_3$                         | 50.8 mm                |
| $A_4$                         | 25.4 mm                |
| $A_5$                         | 20.638 mm              |
| $A_6$                         | 22.225 mm              |
| B                             | 116.681 mm             |
| a                             | 5.556 mm               |
| J                             | 238.125 mm             |
| L                             | 276.225 mm             |
| $N_1$                         | 20.638 mm              |
| s                             | 41.275 mm              |
| S                             | 0.794 mm               |
| Basic dynamic load rating - C | 311 kN                 |
| Limiting speed                | 2100 r/min             |
| Category                      | Flange Block Bearings  |



## Shanghai Ruonan-Power Co., Ltd.

|                           |  |
|---------------------------|--|
| Inventory                 | 0.0  |
| Manufacturer Name         | SKF  |
| Minimum Buy Quantity      | N/A  |
| Weight / Kilogram         | 16.96  |
| EAN                       | 7316576665028  |
| Product Group             | M06288   |
| Number of Mounting Holes  | 4  |
| Mounting Method           | Concentric Collar  |
| Housing Style             | 4 Bolt Round Flange<br>Cartridge   |
| Rolling Element           | Spherical Roller Bearing   |
| Housing Material          | Cast Iron  |
| Expansion / Non-expansion | Expansion  |
| Mounting Bolts            | 3/4 Inch   |
| Relubricatable            | Yes  |
| Insert Part Number        | 22220  |
| Seals                     | Trigard  |
| Housing Configuration     | 1 Piece Solid  |
| Pilot Configuration       | With Pilot   |
| Inch - Metric             | Inch   |
| Long Description          | 4 Bolt Round Flange<br>Cartridge; 4" Bore; 9.4" Bolt<br>Circle; 6.6" Bolt Spacing; 1<br>Piece Solid; Concentric<br>Collar Mount; Cast Iron;<br>Spherical Roller Bearing;<br>4-19/32" Length Thru Bore; |
| Other Features            | Double Row   Heavy Duty  <br>Open End   With Set Screw   |
| Category                  | Flange Block   |
| UNSPSC                    | 31171501   |
| Harmonized Tariff Code    | 8483.20.40.80  |
| Noun                      | Bearing  |
| Keyword String            | Flanged  |
| Manufacturer URL          | <a href="http://www.skf.com">http://www.skf.com</a>  |



## Shanghai Ruonan-Power Co., Ltd.

|                                    |                                 |
|------------------------------------|---------------------------------|
| Manufacturer Item Number           | FYRP 4                          |
| Weight / LBS                       | 40                              |
| Bore                               | 4 Inch   101.6 Millimeter       |
| Bolt Spacing                       | 6.6 Inch   167.6 Millimeter     |
| Cartridge Pilot Diameter           | 8.125 Inch   206.375 Millimeter |
| Cartridge Pilot Depth              | 2 Inch   50.8 Millimeter        |
| Nominal Bolt Circle Diameter Round | 9.4 Inch   238 Millimeter       |
| Length Thru Bore                   | 4.594 Inch   116.688 Millimeter |
| bore diameter:                     | 4 in                            |
| expansion type:                    | Non-Expansion Bearing (Fixed)   |
| bolt center-to-center length:      | 9.3750 in                       |
| seal type:                         | Contact/Lip                     |
| overall length/diameter:           | 10.8750 in                      |
| overall depth:                     | 4-13/16 in                      |
| flange mounting type:              | Four-Bolt Piloted               |
| radial dynamic load capacity:      | 69900 lb                        |
| bearing type:                      | Spherical Roller                |
| radial static load capacity:       | 93300 lb                        |
| housing construction:              | Solid Flange Mount              |
| operating temperature range:       | Maximum of +110 ° F             |
| bore type:                         | Round                           |
| finish/coating:                    | Uncoated                        |
| duty type:                         | Standard Duty                   |
| lubrication type:                  | Lubrication Fitting             |
| housing material:                  | Cast Iron                       |
| series:                            | 222                             |
| locking device:                    | Set Screw                       |
| d <sub>a</sub>                     | 101.6 mm                        |



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|                             |            |
|-----------------------------|------------|
| $d_2$                       | 152.4 mm   |
| $D_a$                       | 206.375 mm |
| $A_1$                       | 121.444 mm |
| $A_2$                       | 61.119 mm  |
| $A_3$                       | 50.8 mm    |
| $A_4$                       | 25.4 mm    |
| $A_5$                       | 20.637 mm  |
| $A_6$                       | 22.225 mm  |
| $N_1$                       | 20.637 mm  |
| Basic dynamic load rating C | 311 kN     |
| Mass bearing unit           | 18.1 kg    |
| Attachment bolt diameter G  | 19.05 mm   |