



# BROWNING BEARING COMPANY



2.438 Inch | 61.925 Millimeter x 4.688 Inch |  
119.075 Millimeter x 3.25 Inch | 82.55 Millimeter  
skf saf 22515 bearing

Bearing No. saf 22515

saf 22515 Bearing 2D drawings and 3D CAD models

|                           |   |
|---------------------------|---|
| Category                  | Pillow Block Bearings   |
| Inventory                 | 1.0   |
| Manufacturer Name         | SKF   |
| Minimum Buy Quantity      | N/A   |
| Weight                    | 12.71   |
| EAN                       | 7316576668838   |
| Product Group             | M06288  |
| Number of Mounting Holes  | 2   |
| Mounting Method           | Tapered Adapter Sleeve  |
| Housing Style             | 2 Bolt Pillow Block   |
| Rolling Element           | Spherical Roller Bearing  |
| Housing Material          | Cast Iron   |
| Expansion / Non-expansion | Expansion   |
| Mounting Bolts            | 5/8 Inch  |
| Relubricatable            | Yes   |
| Insert Part Number        | 22215 EK  |
| Seals                     | Labyrinth   |
| Housing Configuration     | 2 Piece Split   |
| Inch - Metric             | Inch  |
| Other Features            | Double Row   Heavy Duty   |
| Long Description          | 2 Bolt Pillow Block; 2-7/16" Bore; 3-1/4" Base to Center Height; Tapered Adapter Sleeve Mount; Spherical Roller Bearing; 8-5/8" Minimum Bolt Spacing; |



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|                                  |   |
|----------------------------------|---|
|                                  | 9-5/8" Bolt Spacing<br>Maximum; R                   |
| Category                         | Pillow Block  |
| UNSPSC                           | 31171511  |
| Harmonized Tariff Code           | 8483.20.40.80                                       |
| Noun                             | Bearing   |
| Keyword String                   | Pillow Block  |
| Manufacturer URL                 | <a href="http://www.skf.com">http://www.skf.com</a> |
| Manufacturer Item Number         | SAF 22515   |
| Weight / LBS                     | 28  |
| Actual Bolt Center to<br>Center  | 0 Inch   0Millimeter                                |
| Nominal Bolt Center to<br>Center | 8.8 Inch   223 Millimeter                           |
| Bolt Spacing Minimum             | 8.625 Inch  <br>219.075Millimeter                   |
| d                                | 2.438 Inch   61.925<br>Millimeter                   |
| Bolt Spacing Maximum             | 9.625 Inch  <br>244.475Millimeter                   |
| B                                | 3.25 Inch   82.55 Millimeter                        |
| D                                | 4.688 Inch   119.075<br>Millimeter                  |
| bore diameter:                   | 2.4375 in   |
| bolt center-to-center length:    | 8-5/8 to 9-5/8 in                                   |
| overall length:                  | 11.2500 in  |
| base width:                      | 3-1/8 in  |
| overall height:                  | 6.2188 in   |
| expansion type:                  | Non-Expansion Bearing<br>(Fixed)                    |
| mounting:                        | Two-Bolt Base                                       |
| finish/coating:                  | Uncoated  |
| bearing type:                    | Spherical Roller                                    |
| overall width:                   | 4-11/16 in  |
| bore type:                       | Round   |



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|                          |                     |
|--------------------------|---------------------|
| lubrication type:        | Lubrication Fitting |
| housing construction:    | Split Pillow Block  |
| series:                  | SAF                 |
| base to bore centerline: | 3.2500 in           |
| standards met:           | ISO                 |
| housing material:        | Cast Iron           |
| replacement bearing:     | 22215 EK            |
| locking device:          | Adapter Mount       |
| $d_a$                    | 61.913 mm           |
| $D_a$                    | 130 mm              |
| $C_a$                    | 37.008 mm           |
| $A_1$                    | 79.375 mm           |
| $A_2$                    | 119.063 mm          |
| S                        | 3.175 mm            |
| $b_a$                    | 32.544 mm           |
| H                        | 157.559 mm          |
| $H_1$                    | 82.55 mm            |
| $H_2$                    | 28.575 mm           |
| J min.                   | 219.075 mm          |
| J max.                   | 244.475 mm          |
| L                        | 285.75 mm           |
| $N_1$                    | 19.05 mm            |
| $R_1$                    | 46.038 mm           |
| $R_2$                    | 21.431 mm           |
| $R_G$                    | 1/4 NPT             |
| $P_G$                    | 1/8 NPT             |
| h                        | 28.575 mm           |
| Housing                  | SAF 515             |
| Stabilizing ring         | SR-15-0             |
| Labyrinth ring           | 2 x LOR 37          |
| End plug (suffix Y)      | EPR 7               |
| Bearing limiting speed   | 6300 r/min          |
|                          |                     |



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|  |                |
|--|----------------|
| P <sub>60°</sub>                       | 75.6 kN        |
| P <sub>90°</sub>                       | 45.4 kN        |
| P <sub>120°</sub>                      | 28 kN          |
| P <sub>150°</sub>                      | 25.4 kN        |
| P <sub>180°</sub>                      | 30.2 kN        |
| P <sub>a</sub>                         | 6.94 kN        |
| Mass pillow block                      | 12.7 kg        |
| Cap bolt                               | 2 x 1/2-13 UNC |
| Cap bolt recommended tightening torque | 81.3 N · m     |
| Cap bolt, SAE grade                    | 5              |
| Appropriate attachment bolt size G     | 0.625 in       |
| Initial grease fill                    | 68.04 g        |