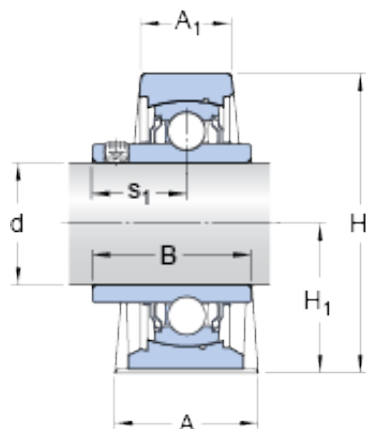




# Qingdao Clunt Bearing Co., Ltd.



## SKF SY 1.11/16 TF/VA228 bearing units

Bearing No. SY 1.11/16 TF/VA228

|   |                   |
|---|-------------------|
| Size  | 48.3x42.862x33 mm |
| Bore Diameter                                   | 48,3 mm           |
| Outer Diameter                                  | 42,862 mm         |
| Width   | 33 mm             |
| d   | 42.862 mm         |
| A   | 48.3 mm           |
| A <sub>1</sub>                                  | 33 mm             |
| H   | 107 mm            |
| H <sub>1</sub>                                  | 54 mm             |
| H <sub>2</sub>                                  | 21 mm             |
| L   | 187 mm            |
| J   | 143.5 mm          |
| H   | 22.5 mm           |
| N <sub>1</sub>                                  | 14 mm             |
| B   | 49.2 mm           |
| s <sub>1</sub>                                  | 30.2 mm           |
| Basic dynamic load rating - C                   | 33.2 kN           |
| Basic static load rating - C <sub>0</sub>       | 21.6 kN           |
| Limiting speed                                  | 140 r/min         |
| Limiting temperature - T                        | 350 ° C           |
| Mass bearing unit                               | 2.45 kg           |
| Grub (set) screw - G <sub>2</sub> - 5/16-24 UNF | 5/1624 UNF        |
| Hexagonal key size for grub screw - H           | 3.969 mm          |
|   |                   |

SY 1.11/16 TF/VA228 Bearing 2D drawings and 3D CAD models



## Qingdao Clunt Bearing Co., Ltd.

|  |  |
|--|--|
| Recommended tightening torque for grub screw | 6.5 N · m  |
| Category                                     | Pillow Block Bearings  |
| Inventory                                    | 0.0  |
| Manufacturer Name                            | SKF  |
| Minimum Buy Quantity                         | N/A  |
| Weight / Kilogram                            | 2.41   |
| EAN  | 7316571381145  |
| Product Group                                | M06110   |
| Number of Mounting Holes                     | 2  |
| Mounting Method                              | Set Screw  |
| Housing Style                                | 2 Bolt Pillow Block  |
| Rolling Element                              | Ball Bearing   |
| Housing Material                             | Cast Iron  |
| Expansion / Non-expansion                    | Non-expansion  |
| Mounting Bolts                               | 1/2 Inch   |
| Relubricatable                               | Yes  |
| Insert Part Number                           | YAR 209-111-2F/VA228   |
| Seals  | M Seal   |
| Housing Configuration                        | 1 Piece Solid  |
| Inch - Metric                                | Inch   |
| Other Features                               | Single Row   Standard Duty   Wide Inner Race   High Temperature Bearing with Graphite   Has Flinger   Y Bearing  |
| Long Description                             | 2 Bolt Pillow Block; 1-11/16" Bore; 2-1/8" Base to Center Height; Set Screw Mount; Ball Bearing; 5-5/16" Minimum Bolt Spacing; 6" Bolt Spacing Maximum; Relubricatable; Cast Iron; M |
| Category                                     | Pillow Block   |
| UNSPSC                                       | 31171511   |



## Qingdao Clunt Bearing Co., Ltd.

|                               |   |
|-------------------------------|---|
| Harmonized Tariff Code        | 8483.20.40.40                                       |
| Noun                          | Bearing   |
| Keyword String                | Pillow Block  |
| Manufacturer URL              | <a href="http://www.skf.com">http://www.skf.com</a> |
| Manufacturer Item Number      | SY 1.11/16 TF/VA228                                 |
| Weight / LBS                  | 5.3   |
| Nominal Bolt Center to Center | 5.8 Inch   146.5 Millimeter                         |
| Bore                          | 1.688 Inch   42.875 Millimeter                      |
| Length Thru Bore              | 1.938 Inch   49.225 Millimeter                      |
| Base to Center Height         | 2.125 Inch   53.98 Millimeter                       |
| Bolt Spacing Minimum          | 5.313 Inch   134.95 Millimeter                      |
| Bolt Spacing Maximum          | 6 Inch   152.4 Millimeter                           |
| Actual Bolt Center to Center  | 0 Inch   0 Millimeter                               |
| mounting:                     | Two-Bolt Base                                       |
| finish/coating:               | Uncoated  |
| bore diameter:                | 1.6875 in   |
| overall width:                | 1-15/16 in  |
| bore type:                    | Round   |
| radial static load capacity:  | 4860 lbf  |
| base to bore centerline:      | 2.1260 in   |
| base width:                   | 48 mm   |
| housing material:             | Cast Iron   |
| bolt center-to-center length: | 187 mm  |
| locking device:               | Set Screw   |
| lubrication type:             | Lubrication Fitting                                 |
| expansion type:               | Non-Expansion Bearing (Fixed)                       |
| series:                       | SY  |
|                               |   |



## Qingdao Clunt Bearing Co., Ltd.

|   |                       |
|---|-----------------------|
| overall length:                             | 22.5 mm               |
| standards met:                              | ISO                   |
| overall height:                             | 54 mm                 |
| A <sub>1</sub>                              | 33 mm                 |
| H <sub>1</sub>                              | 54 mm                 |
| H <sub>2</sub>                              | 21 mm                 |
| N   | 22.5 mm               |
| N <sub>1</sub>                              | 14 mm                 |
| s <sub>1</sub>                              | 30.2 mm               |
| Basic dynamic load rating C                 | 33.2 kN               |
| Basic static load rating C <sub>0</sub>     | 21.6 kN               |
| Limiting temperature T max.                 | 350 ° C               |
| Grub (set) screw G <sub>2</sub>             | 5/16-24 UNF           |
| Hexagonal key size for grub screw N         | 3.969 mm              |
| Attachment bolts, recommended metric size G | 12 mm                 |
| Bearing                                     | YAR 209-111-2FW/VA228 |