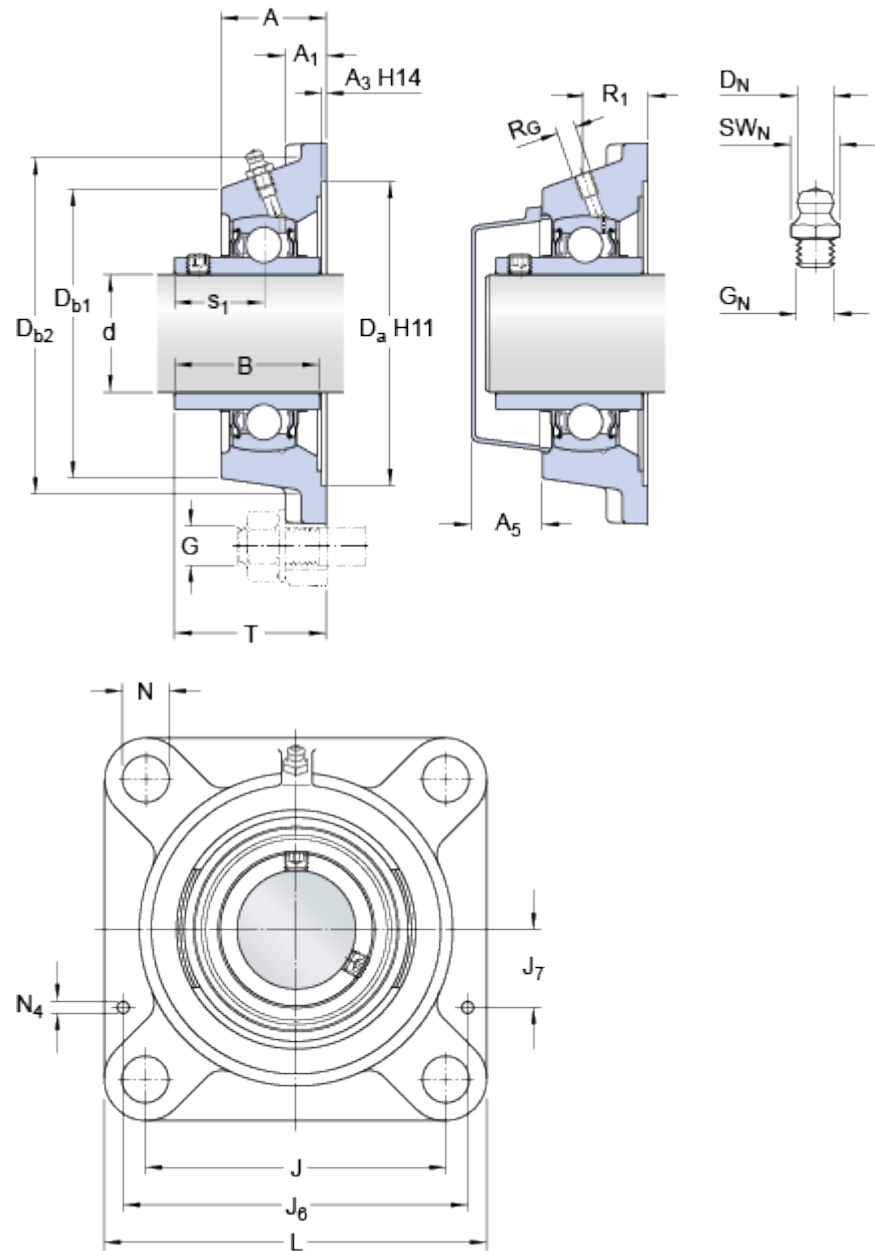


FY 60 TF

Housing material

Cast iron

Dimensions



|                 |               |    |
|-----------------|---------------|----|
| d               | 60            | mm |
| D <sub>a</sub>  | 161.9         | mm |
| D <sub>b1</sub> | 130           | mm |
| D <sub>b2</sub> | 143           | mm |
| A               | 52            | mm |
| A <sub>1</sub>  | 17            | mm |
| A <sub>3</sub>  | 3.2           | mm |
| A <sub>5</sub>  | 35.5          | mm |
| B               | 65.1          | mm |
| J               | 143           | mm |
| L               | 175           | mm |
| N               | 18            | mm |
| s <sub>1</sub>  | 39.7          | mm |
| T               | 73.7          | mm |
| Threaded hole   |               |    |
| R <sub>G</sub>  | 1/4-28 UNF    |    |
| R <sub>1</sub>  | 34.5          | mm |
| Grease fitting  |               |    |
| D <sub>N</sub>  | 6.5           | mm |
| SW <sub>N</sub> | 7             | mm |
| G <sub>N</sub>  | 1/4-28 SAE-LT |    |
| Dowel pins      |               |    |
| J <sub>6</sub>  | 161           | mm |
| J <sub>7</sub>  | 49.5          | mm |
| N <sub>4</sub>  | 4             | mm |

Calculation data

|                           |                |      |       |
|---------------------------|----------------|------|-------|
| Basic dynamic load rating | C              | 52.7 | kN    |
| Basic static load rating  | C <sub>0</sub> | 36   | kN    |
| Fatigue load limit        | P <sub>u</sub> | 1.53 | kN    |
| Limiting speed            |                | 3400 | r/min |
| (with shaft tolerance h6) |                |      |       |

## Mass

|                   |  |      |    |
|-------------------|--|------|----|
| Mass bearing unit |  | 3.85 | kg |
|-------------------|--|------|----|

## Mounting information

|                                                 |                |       |     |
|-------------------------------------------------|----------------|-------|-----|
| Thread grub screw                               | G <sub>2</sub> | M10x1 |     |
| Hexagonal key size for grub screw               | N              | 5     | mm  |
| Recommended tightening torque for grub screw    |                | 16.5  | N·m |
| Recommended diameter for attachment bolts, mm   | G              | 16    | mm  |
| Recommended diameter for attachment bolts, inch | G              | 0.625 | in  |

## Included products

|         |  |            |
|---------|--|------------|
| Housing |  | FY 512 M   |
| Bearing |  | YAR 212-2F |

## Associated products

|           |  |         |
|-----------|--|---------|
| End cover |  | ECY 212 |
|-----------|--|---------|