

**TCJ50-XL-N**

## Flanged housing unit

Housing units TCJ, four-bolt flanged housing units, cast iron, eccentric locking collar, T seals

X-life

## Technical information



## Your current product variant

|          |    |   |
|----------|----|---|
| Groove   | N  | Cast iron housing with undercut slot for end caps |
| Material | GG | Grey cast iron                                    |

## Main Dimensions &amp; Performance Data

|          |          |                                   |
|----------|----------|-----------------------------------|
| d        | 50 mm    | Bore diameter                     |
| L        | 143 mm   | Flange width                      |
| U        | 66,2 mm  | Total height unit                 |
| $C_r$    | 35.000 N | Basic dynamic load rating, radial |
| $C_{0r}$ | 23.200 N | Basic static load rating, radial  |
| $C_{ur}$ | 990 N    | Fatigue load limit, radial        |
| $m$      | 2,62 kg  | Weight                            |

## Mounting dimensions

|   |        |                          |
|---|--------|--------------------------|
| J | 111 mm | Distance fixing bore     |
| N | 18 mm  | Fixing bore              |
| W | 5 mm   | Width across flats       |
| n | 4      | Number of screwing holes |





### Dimensions

|                |         |                                   |
|----------------|---------|-----------------------------------|
| A              | 41 mm   | Height housing                    |
| A <sub>1</sub> | 13 mm   | Thickness of flange               |
| A <sub>2</sub> | 28 mm   | Distance raceway                  |
| B <sub>1</sub> | 62,8 mm | Locking collar total width        |
| V              | 119 mm  | Shoulder diameter housing         |
| Q              | M6      | Connection thread for lubrication |
| d <sub>3</sub> | 69 mm   | Outside diameter locking device   |

### Additional information

|               |                     |
|---------------|---------------------|
| 1             | Number of housings  |
| CJ10          | Housing             |
| GE50-XL-KTT-B | Bearing designation |
| KASK10        | Protecting cap      |

### Temperature range

|                  |        |                            |
|------------------|--------|----------------------------|
| T <sub>min</sub> | -20 °C | Operating temperature min. |
| T <sub>max</sub> | 120 °C | Operating temperature max. |