

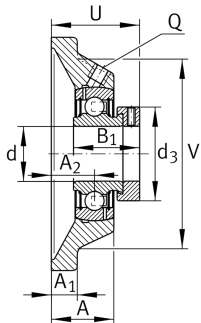
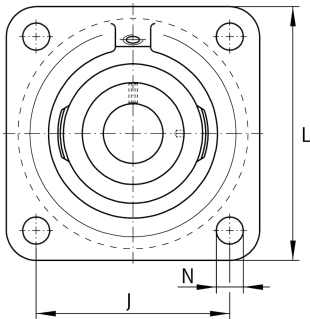
**PCJ50-XL-N**

## Flanged housing unit

Housing units PCJ, four-bolt flanged housing units, cast iron, eccentric locking collar, P 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               | 60,8 mm  | Total height unit                 |
| C <sub>r</sub>  | 35.000 N | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 23.200 N | Basic static load rating, radial  |
| C <sub>ur</sub> | 1.090 N  | Fatigue load limit, radial        |
| ≈m              | 2,269 kg | Weight                            |

## Mounting dimensions

|   |        |                          |
|---|--------|--------------------------|
| J | 111 mm | Distance fixing bore     |
| N | 18 mm  | Fixing bore              |
| 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                  |
| 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             |
| GRAE50-XL-NPP-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. |