

**FAG****N226-E-XL-TVP2** [↗](#)

Cylindrical roller bearing

Cylindrical roller bearing N2..-E-TVP, with cage, single row, non-locating bearing, 0 ribs on outer ring, 2 rib on inner ring, type N2

## Technical information

**Your current product variant**

|                           |              |                                  |
|---------------------------|--------------|----------------------------------|
| Cage                      | TVP2         | Solid Window Cage made from PA66 |
| Tolerance class           | PN           | Normal (PN)                      |
| Change mark               | E            | Increased Capacity Design        |
| Radial internal clearance | CN (Group N) | Normal internal clearance        |
| Number of rows            | 1            | Single-row design                |

**Main Dimensions & Performance Data**

|                       |             |                                       |
|-----------------------|-------------|---------------------------------------|
| d                     | 130 mm      | Bore diameter                         |
| D                     | 230 mm      | Outside diameter                      |
| B                     | 40 mm       | Width                                 |
| C <sub>r</sub>        | 425.000 N   | Basic dynamic load rating, radial     |
| C <sub>0r</sub>       | 445.000 N   | Basic static load rating, radial      |
| C <sub>ur</sub>       | 71.000 N    | Fatigue load limit, radial            |
| n <sub>G Grease</sub> | 3.400 1/min | Limiting speed for grease lubrication |
| n <sub>G Oil</sub>    | 4.000 1/min | Limiting speed for oil lubrication    |
| ≈m                    | 6,293 kg    | Weight                                |

**Mounting dimensions**

|                     |        |                              |
|---------------------|--------|------------------------------|
| d <sub>a</sub>      | 144 mm | Diameter shaft shoulder      |
| D <sub>a</sub>      | 216 mm | Diameter of housing shoulder |
| r <sub>a1 max</sub> | 2,5 mm | Maximum recess radius        |



### Dimensions

|                     |          |                             |
|---------------------|----------|-----------------------------|
| $r_{1 \text{ min}}$ | 3 mm     | Minimum chamfer dimension   |
| $s_1$               | 1,2 mm   | Axial displacement          |
| E                   | 209,5 mm | Raceway diameter outer ring |

### Temperature range

|                  |        |                            |
|------------------|--------|----------------------------|
| $T_{\text{min}}$ | -30 °C | Operating temperature min. |
| $T_{\text{max}}$ | 120 °C | Operating temperature max. |

### Characteristics

-   $F_r$  Radial load
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed