



FAG

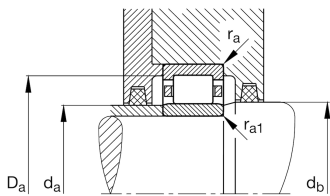
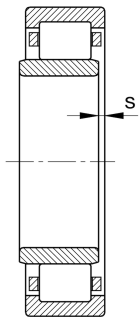
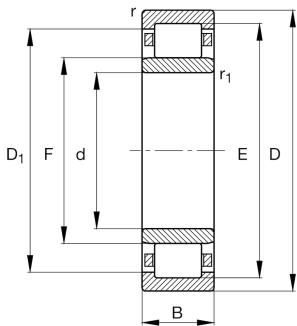
**NU217-E-XL-TVP2**

Cylindrical roller bearing

Cylindrical roller bearing NU..-E-XL-TVP2,  
with cage, single row, non-locating bearing,  
2 ribs on outer ring, 0 ribs on inner ring  
(smooth), type NU, Running accuracy in P6

X-life

## Technical information



## Your current product variant

|                           |              |                                  |
|---------------------------|--------------|----------------------------------|
| Design                    | E            | Increased Capacity Design        |
| Cage                      | TVP2         | Solid Window Cage made from PA66 |
| Radial internal clearance | CN (Group N) | Normal internal clearance        |
| Tolerance class           | PN           | Normal (ISO 492:2023)            |
| Number of rows            | 1            | Single-row design                |

## Main Dimensions &amp; Performance Data

|                 |             |                                   |
|-----------------|-------------|-----------------------------------|
| d               | 85 mm       | Bore diameter                     |
| D               | 150 mm      | Outside diameter                  |
| B               | 28 mm       | Width                             |
| C <sub>r</sub>  | 194.000 N   | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 194.000 N   | Basic static load rating, radial  |
| C <sub>ur</sub> | 26.500 N    | Fatigue load limit, radial        |
| n <sub>G</sub>  | 6.400 1/min | Limiting speed                    |
| n <sub>gr</sub> | 4.000 1/min | Reference speed                   |
| m               | 2,091 kg    | Weight                            |



Mounting dimensions

|          |        |                                      |
|----------|--------|--------------------------------------|
| d a min  | 96 mm  | Minimum diameter shaft shoulder      |
| d a max  | 99 mm  | Maximum diameter of shaft shoulder   |
| d b min  | 104 mm | Minimum shaft shoulder               |
| D a max  | 139 mm | Maximum diameter of housing shoulder |
| r a max  | 2 mm   | Maximum recess radius                |
| r a1 max | 2 mm   | Maximum recess radius                |

Dimensions

|         |          |                                 |
|---------|----------|---------------------------------|
| r min   | 2 mm     | Minimum chamfer dimension       |
| r 1 min | 2 mm     | Minimum chamfer dimension       |
| s       | 0,8 mm   | Axial displacement              |
| E       | 136,5 mm | Raceway diameter outer ring     |
| F       | 100,5 mm | Raceway diameter inner ring     |
| D 1 min | 131,5 mm | Minimum rib diameter outer ring |

Temperature range

|       |        |                            |
|-------|--------|----------------------------|
| T min | -30 °C | Operating temperature min. |
| T max | 120 °C | Operating temperature max. |

Characteristics

|                                                                                     |                    |
|-------------------------------------------------------------------------------------|--------------------|
|  | Radial load        |
|  | Grease Lubrication |
|  | Oil Lubrication    |
|  | Not sealed         |