

FAG

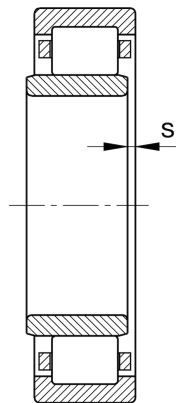
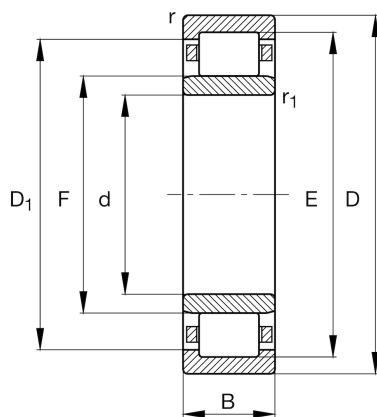
## NU328-E-XL-TVP2

Cylindrical roller bearing

Schaeffler ID:  
0190086430000Cylindrical 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

X-life

## Technical information



## Temperature range

|           |         |                            |
|-----------|---------|----------------------------|
| $T_{min}$ | -30 °C  | Operating temperature min. |
| $T_{max}$ | 120 °C  | Operating temperature max. |
|           | 19,6 kg | Weight                     |

## Main Dimensions &amp; Performance Data

|          |             |                                   |
|----------|-------------|-----------------------------------|
| d        | 140 mm      | Bore diameter                     |
| D        | 300 mm      | Outside diameter                  |
| B        | 62 mm       | Width                             |
| $C_r$    | 790.000 N   | Basic dynamic load rating, radial |
| $C_{0r}$ | 800.000 N   | Basic static load rating, radial  |
| $C_{ur}$ | 95.000 N    | Fatigue load limit, radial        |
| $n_G$    | 2.650 1/min | Limiting speed                    |
| $n_{gr}$ | 2.170 1/min | Reference speed                   |

## Dimensions

|             |          |                                 |
|-------------|----------|---------------------------------|
| $r_{min}$   | 4 mm     | Minimum chamfer dimension       |
| $r_{1 min}$ | 4 mm     | Minimum chamfer dimension       |
| s           | 5,2 mm   | Axial displacement              |
| E           | 264 mm   | Raceway diameter outer ring     |
| F           | 180 mm   | Raceway diameter inner ring     |
| $D_{1 min}$ | 251,7 mm | Minimum rib diameter outer ring |

## Mounting dimensions

|              |        |                                      |
|--------------|--------|--------------------------------------|
| $d_{a min}$  | 157 mm | Minimum diameter shaft shoulder      |
| $d_{a max}$  | 176 mm | Maximum diameter of shaft shoulder   |
| $d_{b min}$  | 182 mm | Minimum shaft shoulder               |
| $D_{a max}$  | 283 mm | Maximum diameter of housing shoulder |
| $r_{a max}$  | 3 mm   | Maximum recess radius                |
| $r_{a1 max}$ | 3 mm   | Maximum recess radius                |

