

FAG

## ★ NU2317-E-XL-TVP2

Cylindrical roller bearing

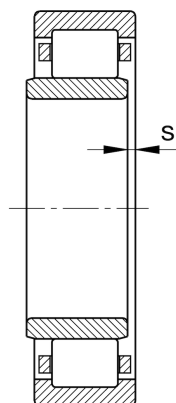
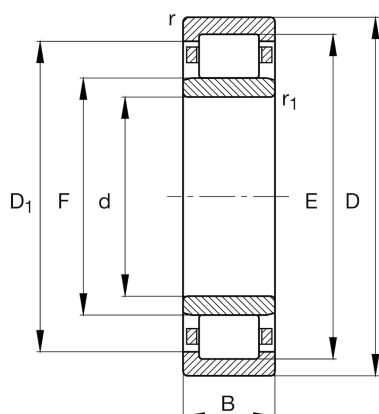
Schaeffler ID:  
0167393020000

★ Preferred product

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

X-life

## Technical information



## Temperature range

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

## Main Dimensions &amp; Performance Data

|          |             |                                   |
|----------|-------------|-----------------------------------|
| d        | 85 mm       | Bore diameter                     |
| D        | 180 mm      | Outside diameter                  |
| B        | 60 mm       | Width                             |
| $C_r$    | 435.000 N   | Basic dynamic load rating, radial |
| $C_{0r}$ | 445.000 N   | Basic static load rating, radial  |
| $C_{ur}$ | 82.000 N    | Fatigue load limit, radial        |
| $n_G$    | 4.550 1/min | Limiting speed                    |
| $n_{gr}$ | 3.300 1/min | Reference speed                   |

## Dimensions

|             |          |                                 |
|-------------|----------|---------------------------------|
| $r_{\min}$  | 3 mm     | Minimum chamfer dimension       |
| $r_{1\min}$ | 3 mm     | Minimum chamfer dimension       |
| s           | 4,7 mm   | Axial displacement              |
| E           | 160 mm   | Raceway diameter outer ring     |
| F           | 108 mm   | Raceway diameter inner ring     |
| $D_{1\min}$ | 152,7 mm | Minimum rib diameter outer ring |

## Mounting dimensions

|              |        |                                      |
|--------------|--------|--------------------------------------|
| $d_{a\min}$  | 99 mm  | Minimum diameter shaft shoulder      |
| $d_{a\max}$  | 106 mm | Maximum diameter of shaft shoulder   |
| $d_{b\min}$  | 110 mm | Minimum shaft shoulder               |
| $D_{a\max}$  | 166 mm | Maximum diameter of housing shoulder |
| $r_{a\max}$  | 2,5 mm | Maximum recess radius                |
| $r_{a1\max}$ | 2,5 mm | Maximum recess radius                |

