

FAG

## ★ NUP211-E-XL-TVP2

Cylindrical roller bearing

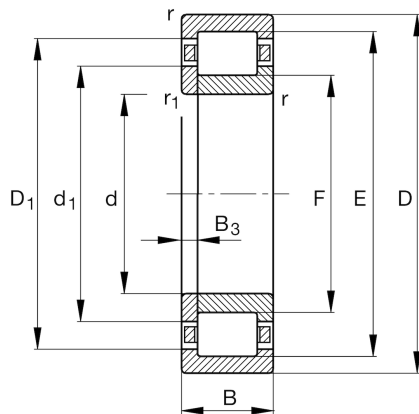
Schaeffler ID:  
0167407930000

★ Preferred product

Cylindrical roller bearing NUP.-E-XL-TVP2, with cage, single row, locating bearing, 2 ribs on outer ring, 1 rib on inner ring, rib washer internal, type NUP

X-life

## Technical information



## Temperature range

|            |         |                            |
|------------|---------|----------------------------|
| $T_{\min}$ | -30 °C  | Operating temperature min. |
| $T_{\max}$ | 120 °C  | Operating temperature max. |
|            | 0,68 kg | Weight                     |

## Main Dimensions &amp; Performance Data

|          |             |                                   |
|----------|-------------|-----------------------------------|
| d        | 55 mm       | Bore diameter                     |
| D        | 100 mm      | Outside diameter                  |
| B        | 21 mm       | Width                             |
| $C_r$    | 99.000 N    | Basic dynamic load rating, radial |
| $C_{0r}$ | 95.000 N    | Basic static load rating, radial  |
| $C_{ur}$ | 16.400 N    | Fatigue load limit, radial        |
| $n_G$    | 8.700 1/min | Limiting speed                    |
| $n_{gr}$ | 5.800 1/min | Reference speed                   |

## Dimensions

|             |        |                             |
|-------------|--------|-----------------------------|
| $r_{\min}$  | 1,5 mm | Minimum chamfer dimension   |
| $r_{1\min}$ | 1,1 mm | Minimum chamfer dimension   |
| E           | 90 mm  | Raceway diameter outer ring |
| F           | 66 mm  | Raceway diameter inner ring |
| $B_3$       | 3,5 mm | Width of loose rib          |

## Mounting dimensions

|             |         |                                      |
|-------------|---------|--------------------------------------|
| $d_1$       | 70,8 mm | Maximum rib diameter inner ring      |
| $D_{1\min}$ | 86,6 mm | Minimum rib diameter outer ring      |
| $d_{a\min}$ | 62 mm   | Minimum diameter shaft shoulder      |
| $d_{c\min}$ | 73 mm   | Minimum shaft shoulder               |
| $D_{a\max}$ | 91 mm   | Maximum diameter of housing shoulder |
| $r_{a\max}$ | 1,5 mm  | Maximum recess radius                |

