

FAG

## ★ NJ2314-E-XL-TVP2

Cylindrical roller bearing

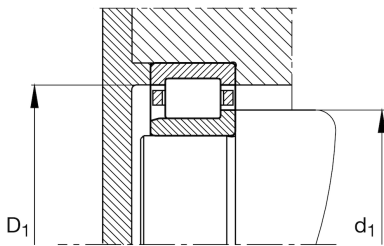
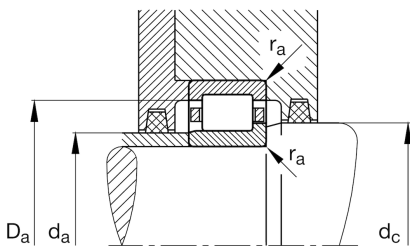
Schaeffler ID:  
0192256600000

★ Preferred product

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

X-life

## Technical information



## Temperature range

|           |         |                            |
|-----------|---------|----------------------------|
| $T_{min}$ | -30 °C  | Operating temperature min. |
| $T_{max}$ | 120 °C  | Operating temperature max. |
|           | 4,05 kg | Weight                     |

## Main Dimensions &amp; Performance Data

|          |             |                                   |
|----------|-------------|-----------------------------------|
| $d$      | 70 mm       | Bore diameter                     |
| $D$      | 150 mm      | Outside diameter                  |
| $B$      | 51 mm       | Width                             |
| $C_r$    | 325.000 N   | Basic dynamic load rating, radial |
| $C_{0r}$ | 325.000 N   | Basic static load rating, radial  |
| $C_{ur}$ | 60.000 N    | Fatigue load limit, radial        |
| $n_G$    | 5.500 1/min | Limiting speed                    |
| $n_{gr}$ | 3.800 1/min | Reference speed                   |

## Dimensions

|             |          |                                 |
|-------------|----------|---------------------------------|
| $r_{min}$   | 2,1 mm   | Minimum chamfer dimension       |
| $r_{1 min}$ | 2,1 mm   | Minimum chamfer dimension       |
| $s$         | 4,7 mm   | Axial displacement              |
| $E$         | 133 mm   | Raceway diameter outer ring     |
| $F$         | 89 mm    | Raceway diameter inner ring     |
| $D_{1 min}$ | 126,8 mm | Minimum rib diameter outer ring |
| $d_1$       | 97,4 mm  | Maximum rib diameter inner ring |

## Mounting dimensions

|             |        |                                      |
|-------------|--------|--------------------------------------|
| $d_{a min}$ | 82 mm  | Minimum diameter shaft shoulder      |
| $d_{a max}$ | 87 mm  | Maximum diameter of shaft shoulder   |
| $D_{a max}$ | 138 mm | Maximum diameter of housing shoulder |
| $d_{c min}$ | 100 mm | Minimum shaft shoulder               |
| $r_{a max}$ | 2,1 mm | Maximum recess radius                |

Additional information

HJ2314-E

L-washer

