

FAG

NJ2311-E-XL-TVP2-C4

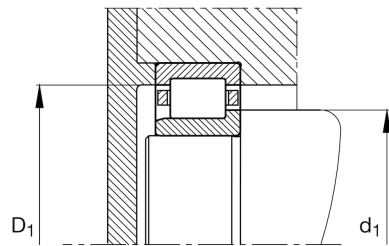
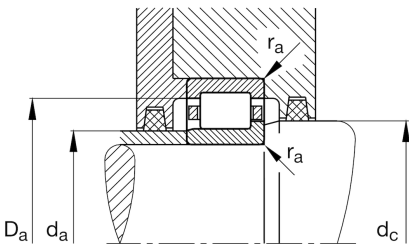
Cylindrical roller bearing

Schaeffler ID:  
0192253770040

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



Main Dimensions & Performance Data

|                 |             |                                   |
|-----------------|-------------|-----------------------------------|
| d               | 55 mm       | Bore diameter                     |
| D               | 120 mm      | Outside diameter                  |
| B               | 43 mm       | Width                             |
| C <sub>r</sub>  | 235.000 N   | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 230.000 N   | Basic static load rating, radial  |
| C <sub>ur</sub> | 44.000 N    | Fatigue load limit, radial        |
| n <sub>G</sub>  | 8.000 1/min | Limiting speed                    |
| n <sub>gr</sub> | 4.500 1/min | Reference speed                   |
| ≈m              | 2,24 kg     | Weight                            |

Mounting dimensions

|                    |        |                                      |
|--------------------|--------|--------------------------------------|
| d <sub>a min</sub> | 66 mm  | Minimum diameter shaft shoulder      |
| d <sub>a max</sub> | 69 mm  | Maximum diameter of shaft shoulder   |
| D <sub>a max</sub> | 109 mm | Maximum diameter of housing shoulder |
| d <sub>c min</sub> | 80 mm  | Minimum shaft shoulder               |
| r <sub>a max</sub> | 2 mm   | Maximum recess radius                |

Dimensions

|                    |          |                                 |
|--------------------|----------|---------------------------------|
| r <sub>min</sub>   | 2 mm     | Minimum chamfer dimension       |
| r <sub>1 min</sub> | 2 mm     | Minimum chamfer dimension       |
| s                  | 3,3 mm   | Axial displacement              |
| E                  | 106,5 mm | Raceway diameter outer ring     |
| F                  | 70,5 mm  | Raceway diameter inner ring     |
| D <sub>1 min</sub> | 101,4 mm | Minimum rib diameter outer ring |
| d <sub>1</sub>     | 77,5 mm  | Maximum rib diameter inner ring |

Temperature range

|                  |        |                            |
|------------------|--------|----------------------------|
| T <sub>min</sub> | -30 °C | Operating temperature min. |
| T <sub>max</sub> | 120 °C | Operating temperature max. |

Additional information

HJ2311-E

L-washer

