

FAG

NJ330-E-XL-M1

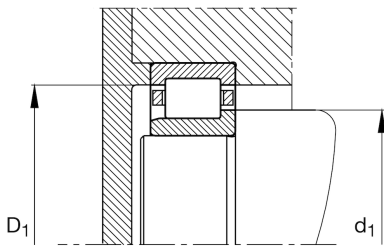
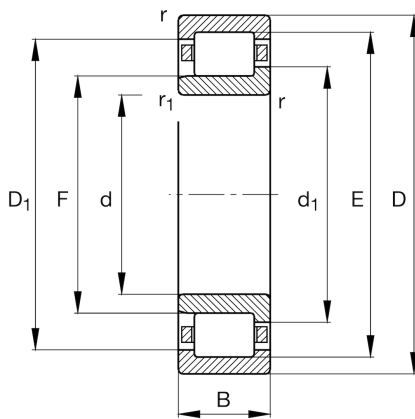
Cylindrical roller bearing

Schaeffler ID:
0190078840000

Cylindrical roller bearing NJ..-E-XL-M1, 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} | 150 °C | Operating temperature max. |
| | 27,2 kg | Weight |

Main Dimensions & Performance Data

| | | |
|----------|-------------|-----------------------------------|
| d | 150 mm | Bore diameter |
| D | 320 mm | Outside diameter |
| B | 65 mm | Width |
| C_r | 900.000 N | Basic dynamic load rating, radial |
| C_{0r} | 930.000 N | Basic static load rating, radial |
| C_{ur} | 141.000 N | Fatigue load limit, radial |
| n_G | 3.200 1/min | Limiting speed |
| n_{gr} | 1.940 1/min | Reference speed |

Dimensions

| | | |
|------------|----------|---------------------------------|
| r_{min} | 4 mm | Minimum chamfer dimension |
| r_{1min} | 4 mm | Minimum chamfer dimension |
| s | 5,5 mm | Axial displacement |
| E | 283 mm | Raceway diameter outer ring |
| F | 193 mm | Raceway diameter inner ring |
| D_{1min} | 269,8 mm | Minimum rib diameter outer ring |
| d_1 | 209,5 mm | Maximum rib diameter inner ring |

Mounting dimensions

| | | |
|------------|--------|--------------------------------------|
| d_{amin} | 167 mm | Minimum diameter shaft shoulder |
| d_{amax} | 190 mm | Maximum diameter of shaft shoulder |
| D_{amax} | 303 mm | Maximum diameter of housing shoulder |
| d_{cmin} | 213 mm | Minimum shaft shoulder |
| r_{amax} | 3 mm | Maximum recess radius |

Additional information

HJ330-E

L-washer

