

FAG

★ NUP230-E-XL-M1

Cylindrical roller bearing

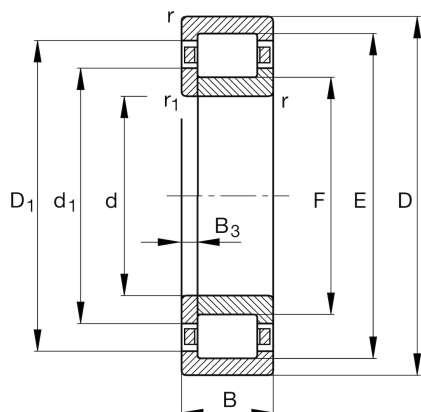
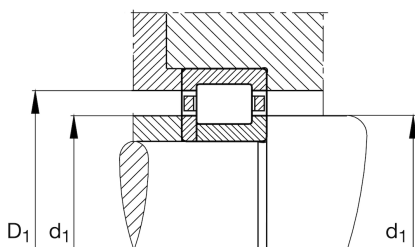
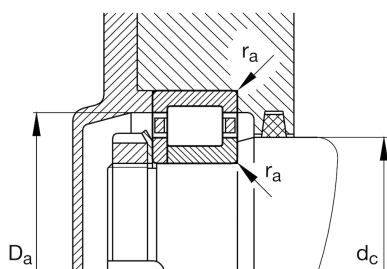
Schaeffler ID:
0167412340000

★ Preferred product

Cylindrical roller bearing NUP.-E-XL-M1, 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} | 150 °C | Operating temperature max. |
| | 11,88 kg | Weight |

Main Dimensions & Performance Data

| | | |
|----------|-------------|-----------------------------------|
| d | 150 mm | Bore diameter |
| D | 270 mm | Outside diameter |
| B | 45 mm | Width |
| C_r | 520.000 N | Basic dynamic load rating, radial |
| C_{0r} | 590.000 N | Basic static load rating, radial |
| C_{ur} | 90.000 N | Fatigue load limit, radial |
| n_G | 3.950 1/min | Limiting speed |
| n_{gr} | 2.350 1/min | Reference speed |

Dimensions

| | | |
|-------------|--------|-----------------------------|
| r_{min} | 3 mm | Minimum chamfer dimension |
| $r_{1 min}$ | 3 mm | Minimum chamfer dimension |
| E | 242 mm | Raceway diameter outer ring |
| F | 182 mm | Raceway diameter inner ring |
| B_3 | 7,5 mm | Width of loose rib |

Mounting dimensions

| | | |
|-------------|----------|--------------------------------------|
| d_1 | 193,1 mm | Maximum rib diameter inner ring |
| $D_{1 min}$ | 233,2 mm | Minimum rib diameter outer ring |
| $d_{a min}$ | 164 mm | Minimum diameter shaft shoulder |
| $d_{c min}$ | 196 mm | Minimum shaft shoulder |
| $D_{a max}$ | 256 mm | Maximum diameter of housing shoulder |
| $r_{a max}$ | 2,5 mm | Maximum recess radius |