



FAG

★ NU1028-XL-M1

Cylindrical roller bearing

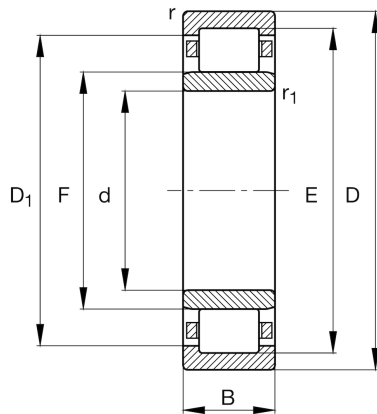
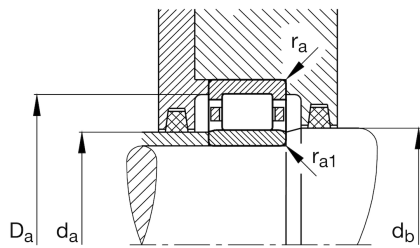
Schaeffler ID:
0167372700000

★ Preferred product

Cylindrical roller bearing NU.-XL-M1, with cage, single row, non-locating bearing, 2 ribs on outer ring, 0 ribs on inner ring (smooth), type NU

X-life

Technical information



Temperature range

| | | |
|-----------|---------|----------------------------|
| T_{min} | -30 °C | Operating temperature min. |
| T_{max} | 150 °C | Operating temperature max. |
| | 3,87 kg | Weight |

Main Dimensions & Performance Data

| | | |
|----------|-------------|-----------------------------------|
| d | 140 mm | Bore diameter |
| D | 210 mm | Outside diameter |
| B | 33 mm | Width |
| C_r | 216.000 N | Basic dynamic load rating, radial |
| C_{0r} | 265.000 N | Basic static load rating, radial |
| C_{ur} | 33.000 N | Fatigue load limit, radial |
| n_G | 5.400 1/min | Limiting speed |
| n_{gr} | 3.250 1/min | Reference speed |

Dimensions

| | | |
|------------|----------|---------------------------------|
| r_{min} | 2 mm | Minimum chamfer dimension |
| r_{1min} | 1,1 mm | Minimum chamfer dimension |
| s | 3,8 mm | Axial displacement |
| E | 192 mm | Raceway diameter outer ring |
| F | 158 mm | Raceway diameter inner ring |
| D_{1min} | 185,9 mm | Minimum rib diameter outer ring |

Mounting dimensions

| | | |
|-------------|--------|--------------------------------------|
| d_{amin} | 146 mm | Minimum diameter shaft shoulder |
| d_{amax} | 156 mm | Maximum diameter of shaft shoulder |
| d_{bmin} | 161 mm | Minimum shaft shoulder |
| D_{amax} | 201 mm | Maximum diameter of housing shoulder |
| r_{amax} | 2 mm | Maximum recess radius |
| r_{a1max} | 1 mm | Maximum recess radius |

