

FAG

NU411-XL-M1

Cylindrical roller bearing

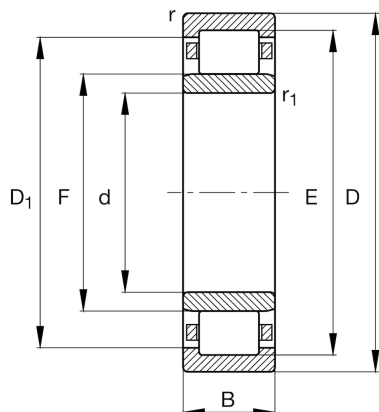
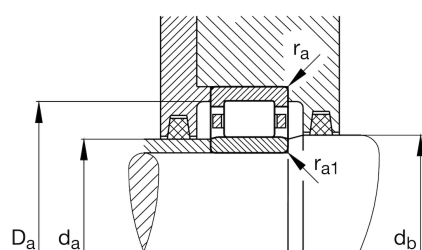
Schaeffler ID:
0390263020000

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

Main Dimensions & Performance Data



| | | |
|-----------------|-------------|-----------------------------------|
| d | 55 mm | Bore diameter |
| D | 140 mm | Outside diameter |
| B | 33 mm | Width |
| C _r | 187,000 N | Basic dynamic load rating, radial |
| C _{0r} | 164,000 N | Basic static load rating, radial |
| C _{ur} | 22,500 N | Fatigue load limit, radial |
| n _G | 9,400 1/min | Limiting speed |
| n _{gr} | 5,100 1/min | Reference speed |
| | 2.76 kg | Weight |

Dimensions

| | | |
|--------------------|----------|---------------------------------|
| r _{min} | 2.1 mm | Minimum chamfer dimension |
| r _{1 min} | 2.1 mm | Minimum chamfer dimension |
| s | 3.3 mm | Axial displacement |
| E | 117.2 mm | Raceway diameter outer ring |
| F | 77.2 mm | Raceway diameter inner ring |
| D _{1 min} | 110.7 mm | Minimum rib diameter outer ring |

Mounting dimensions

| | | |
|---------------------|--------|--------------------------------------|
| d _{a min} | 69 mm | Minimum diameter shaft shoulder |
| d _{a max} | 76 mm | Maximum diameter of shaft shoulder |
| d _{b min} | 79 mm | Minimum shaft shoulder |
| D _{a max} | 126 mm | Maximum diameter of housing shoulder |
| r _{a max} | 2 mm | Maximum recess radius |
| r _{a1 max} | 2 mm | Maximum recess radius |

Temperature range

| | | |
|------------------|--------|----------------------------|
| T _{min} | -30 °C | Operating temperature min. |
| T _{max} | 150 °C | Operating temperature max. |

