



FAG

★ NU1014-XL-M1

Cylindrical roller bearing

Schaeffler ID:
0167371560000

★ 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. |
| | 0,678 kg | Weight |

Main Dimensions & Performance Data

| | | |
|----------|--------------|-----------------------------------|
| d | 70 mm | Bore diameter |
| D | 110 mm | Outside diameter |
| B | 20 mm | Width |
| C_r | 77.000 N | Basic dynamic load rating, radial |
| C_{0r} | 81.000 N | Basic static load rating, radial |
| C_{ur} | 10.400 N | Fatigue load limit, radial |
| n_G | 10.700 1/min | Limiting speed |
| n_{gr} | 5.500 1/min | Reference speed |

Dimensions

| | | |
|-------------|--------|---------------------------------|
| r_{\min} | 1,1 mm | Minimum chamfer dimension |
| $r_{1\min}$ | 1 mm | Minimum chamfer dimension |
| s | 2,5 mm | Axial displacement |
| E | 100 mm | Raceway diameter outer ring |
| F | 80 mm | Raceway diameter inner ring |
| $D_{1\min}$ | 96 mm | Minimum rib diameter outer ring |

Mounting dimensions

| | | |
|--------------|--------|--------------------------------------|
| $d_{a\min}$ | 75 mm | Minimum diameter shaft shoulder |
| $d_{a\max}$ | 78 mm | Maximum diameter of shaft shoulder |
| $d_{b\min}$ | 82 mm | Minimum shaft shoulder |
| $D_{a\max}$ | 104 mm | Maximum diameter of housing shoulder |
| $r_{a\max}$ | 1 mm | Maximum recess radius |
| $r_{a1\max}$ | 1 mm | Maximum recess radius |



