

NU2211-E-XL-M1

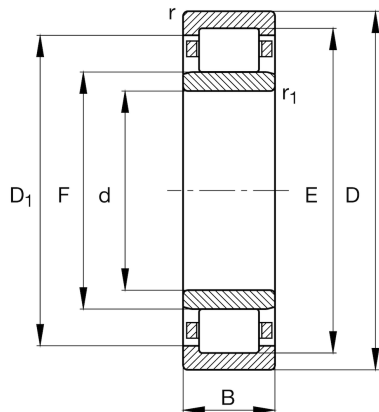
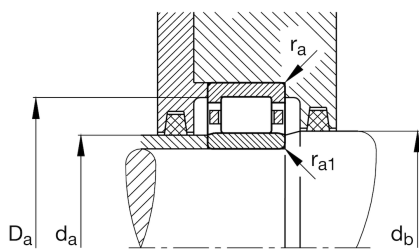
Cylindrical roller bearing

Schaeffler ID:
0190083090000

Cylindrical roller bearing NU..-E-XL-M1, with cage, single row, non-locating bearing, 2 ribs on outer ring, 0 ribs on inner ring (smooth), type NU, Running accuracy in P6

Technical information

Main Dimensions & Performance Data



| | | |
|-------------|--------------|-----------------------------------|
| d | 55 mm | Bore diameter |
| D | 100 mm | Outside diameter |
| B | 25 mm | Width |
| C_r | 117.000 N | Basic dynamic load rating, radial |
| C_{0r} | 118.000 N | Basic static load rating, radial |
| C_{ur} | 21.000 N | Fatigue load limit, radial |
| n_G | 13.000 1/min | Limiting speed |
| n_{gr} | 4.700 1/min | Reference speed |
| $\approx m$ | 0,86 kg | Weight |

Mounting dimensions

| | | |
|---------------|--------|--------------------------------------|
| $d_{a \min}$ | 62 mm | Minimum diameter shaft shoulder |
| $d_{a \max}$ | 65 mm | Maximum diameter of shaft shoulder |
| $d_{b \min}$ | 68 mm | Minimum shaft shoulder |
| $D_{a \max}$ | 91 mm | Maximum diameter of housing shoulder |
| $r_{a \max}$ | 1,5 mm | Maximum recess radius |
| $r_{a1 \max}$ | 1 mm | Maximum recess radius |

Dimensions

| | | |
|--------------|----------|---------------------------------|
| r_{\min} | 1,5 mm | Minimum chamfer dimension |
| $r_{1 \min}$ | 1,1 mm | Minimum chamfer dimension |
| s | 1,3 mm | Axial displacement |
| E | 90 mm | Raceway diameter outer ring |
| F | 66 mm | Raceway diameter inner ring |
| $D_{1 \min}$ | 86,62 mm | Minimum rib diameter outer ring |

Temperature range

| | | |
|------------|--------|----------------------------|
| T_{\min} | -30 °C | Operating temperature min. |
| T_{\max} | 150 °C | Operating temperature max. |

