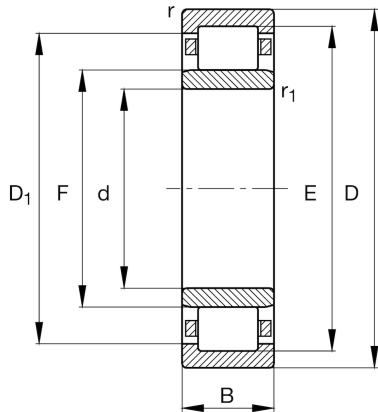
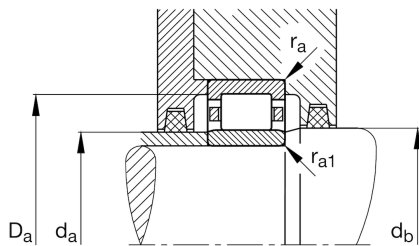




Technical information

Main Dimensions & Performance Data



| | | |
|----------|--------------|-----------------------------------|
| d | 30 mm | Bore diameter |
| D | 62 mm | Outside diameter |
| B | 16 mm | Width |
| C_r | 46,000 N | Basic dynamic load rating, radial |
| C_{0r} | 37,500 N | Basic static load rating, radial |
| C_{ur} | 4,450 N | Fatigue load limit, radial |
| n_G | 21,200 1/min | Limiting speed |
| n_{gr} | 9,600 1/min | Reference speed |
| | 0.228 kg | Weight |

Mounting dimensions

| | | |
|---------------|--------|--------------------------------------|
| $d_{a \min}$ | 34 mm | Minimum diameter shaft shoulder |
| $d_{a \max}$ | 37 mm | Maximum diameter of shaft shoulder |
| $d_{b \min}$ | 40 mm | Minimum shaft shoulder |
| $D_{a \max}$ | 56 mm | Maximum diameter of housing shoulder |
| $r_{a \max}$ | 1 mm | Maximum recess radius |
| $r_{a1 \max}$ | 0.6 mm | Maximum recess radius |

Dimensions

| | | |
|--------------|----------|---------------------------------|
| r_{\min} | 1 mm | Minimum chamfer dimension |
| $r_{1 \min}$ | 0.6 mm | Minimum chamfer dimension |
| s | 1.5 mm | Axial displacement |
| E | 55.5 mm | Raceway diameter outer ring |
| F | 37.5 mm | Raceway diameter inner ring |
| $D_{1 \min}$ | 52.45 mm | Minimum rib diameter outer ring |

Temperature range

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

