

FAG

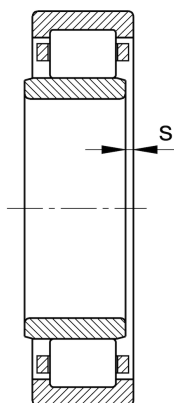
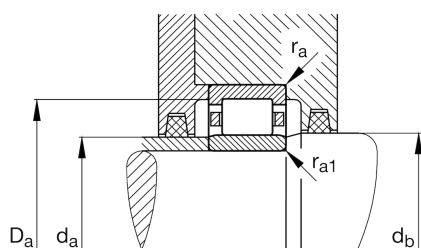
NU2248-EX-TB-M1

Cylindrical roller bearing

Schaeffler ID:
0797434800000Cylindrical roller bearings NU22...-E, main
dimensions to DIN 5412-1, non-locating
bearing, separable, with cage

Technical information

Main Dimensions & Performance Data



| | | |
|----------|-------------|-----------------------------------|
| d | 240 mm | Bore diameter |
| D | 440 mm | Outside diameter |
| B | 120 mm | Width |
| C_r | 1.850.000 N | Basic dynamic load rating, radial |
| C_{0r} | 2.800.000 N | Basic static load rating, radial |
| C_{ur} | 295.000 N | Fatigue load limit, radial |
| n_G | 2.250 1/min | Limiting speed |
| n_{gr} | 900 1/min | Reference speed |
| | 81,5 kg | Weight |

Dimensions

| | | |
|-------------|----------|---------------------------------|
| r_{min} | 4 mm | Minimum chamfer dimension |
| $r_{1 min}$ | 4 mm | Minimum chamfer dimension |
| s | 10,2 mm | Axial displacement |
| E | 399 mm | Raceway diameter outer ring |
| F | 287 mm | Raceway diameter inner ring |
| $D_{1 min}$ | 376,6 mm | Minimum rib diameter outer ring |

Mounting dimensions

| | | |
|--------------|----------|--------------------------------------|
| $d_{a min}$ | 257 mm | Minimum diameter shaft shoulder |
| $d_{a max}$ | 284,5 mm | Maximum diameter of shaft shoulder |
| $d_{b min}$ | 289,5 mm | Minimum shaft shoulder |
| $D_{a max}$ | 423 mm | Maximum diameter of housing shoulder |
| $r_{a max}$ | 3 mm | Maximum recess radius |
| $r_{a1 max}$ | 3 mm | Maximum recess radius |

Temperature range

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

