



FAG

★ NJ308-E-XL-TVP2

Cylindrical roller bearing

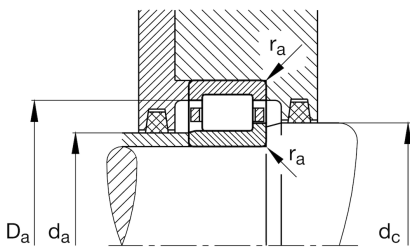
Schaeffler ID:
0167361840000

★ Preferred product

Cylindrical roller bearing NJ..-E-XL-TVP2,
with cage, single row, semi-locating
bearing, 2 ribs on outer ring, 1 rib on inner
ring, type NJ

X-life

Technical information



Temperature range

| | | |
|------------|----------|----------------------------|
| T_{\min} | -30 °C | Operating temperature min. |
| T_{\max} | 120 °C | Operating temperature max. |
| | 0,654 kg | Weight |

Main Dimensions & Performance Data

| | | |
|----------|-------------|-----------------------------------|
| d | 40 mm | Bore diameter |
| D | 90 mm | Outside diameter |
| B | 23 mm | Width |
| C_r | 96.000 N | Basic dynamic load rating, radial |
| C_{0r} | 79.000 N | Basic static load rating, radial |
| C_{ur} | 13.800 N | Fatigue load limit, radial |
| n_G | 9.500 1/min | Limiting speed |
| n_{gr} | 7.100 1/min | Reference speed |

Dimensions

| | | |
|-------------|---------|---------------------------------|
| r_{\min} | 1,5 mm | Minimum chamfer dimension |
| $r_{1\min}$ | 1,5 mm | Minimum chamfer dimension |
| s | 1,3 mm | Axial displacement |
| E | 80 mm | Raceway diameter outer ring |
| F | 52 mm | Raceway diameter inner ring |
| $D_{1\min}$ | 75,9 mm | Minimum rib diameter outer ring |
| d_1 | 57,6 mm | Maximum rib diameter inner ring |

Mounting dimensions

| | | |
|-------------|--------|--------------------------------------|
| $d_{a\min}$ | 49 mm | Minimum diameter shaft shoulder |
| $d_{a\max}$ | 51 mm | Maximum diameter of shaft shoulder |
| $D_{a\max}$ | 81 mm | Maximum diameter of housing shoulder |
| $d_{c\min}$ | 60 mm | Minimum shaft shoulder |
| $r_{a\max}$ | 1,5 mm | Maximum recess radius |

Additional information

HJ308-E

L-washer

