

FAG

★ NJ221-E-XL-TVP2

Cylindrical roller bearing

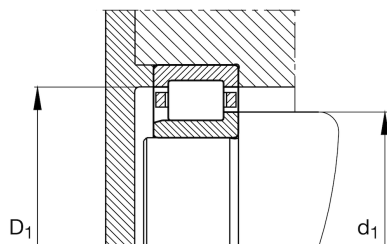
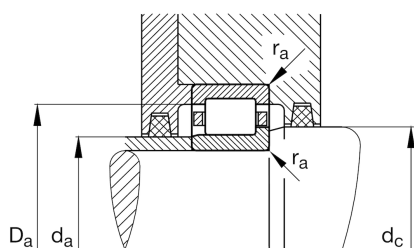
Schaeffler ID:
0167350990000

★ 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. |
| | 4,1 kg | Weight |

Main Dimensions & Performance Data

| | | |
|----------|-------------|-----------------------------------|
| d | 105 mm | Bore diameter |
| D | 190 mm | Outside diameter |
| B | 36 mm | Width |
| C_r | 310.000 N | Basic dynamic load rating, radial |
| C_{0r} | 320.000 N | Basic static load rating, radial |
| C_{ur} | 54.000 N | Fatigue load limit, radial |
| n_G | 4.350 1/min | Limiting speed |
| n_{gr} | 3.400 1/min | Reference speed |

Dimensions

| | | |
|-------------|----------|---------------------------------|
| r_{\min} | 2,1 mm | Minimum chamfer dimension |
| $r_{1\min}$ | 2,1 mm | Minimum chamfer dimension |
| s | 1,3 mm | Axial displacement |
| E | 171,5 mm | Raceway diameter outer ring |
| F | 125,5 mm | Raceway diameter inner ring |
| $D_{1\min}$ | 165,1 mm | Minimum rib diameter outer ring |
| d_1 | 134,5 mm | Maximum rib diameter inner ring |

Mounting dimensions

| | | |
|-------------|--------|--------------------------------------|
| $d_{a\min}$ | 117 mm | Minimum diameter shaft shoulder |
| $d_{a\max}$ | 123 mm | Maximum diameter of shaft shoulder |
| $D_{a\max}$ | 178 mm | Maximum diameter of housing shoulder |
| $d_{c\min}$ | 137 mm | Minimum shaft shoulder |
| $r_{a\max}$ | 2,1 mm | Maximum recess radius |

Additional information

HJ221-E

L-washer

