



FAG

NUP2204-E-XL-TVP2

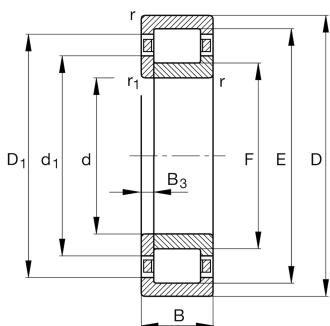
Cylindrical roller bearing

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

Materiálové číslo Schaeffler: 0192526250000

X-life

Technické informace

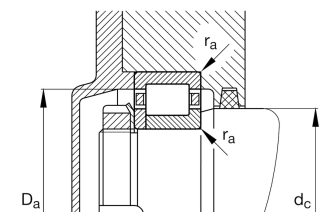
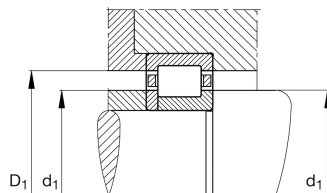


Vaše aktuální varianta produktu

| | | |
|--------------------------------|--------------|----------------------------------|
| Design | E | Increased Capacity Design |
| Cage | TVP2 | Solid Window Cage made from PA66 |
| Radial internal clearance | CN (Group N) | Normal internal clearance |
| Tolerance class | PN | Normal (PN) |
| Number of rolling element rows | 1 | Single-row design |

Main Dimensions & Performance Data

| | | |
|-----------------|--------------|-----------------------------------|
| d | 20 mm | Bore diameter |
| D | 47 mm | Outside diameter |
| B | 18 mm | Width |
| C _r | 38.500 N | Basic dynamic load rating, radial |
| C _{0r} | 31.000 N | Basic static load rating, radial |
| C _{ur} | 5.200 N | Fatigue load limit, radial |
| n _G | 22.000 1/min | Limiting speed |
| n _{gr} | 11.100 1/min | Reference speed |
| ≈m | 0,149 kg | Hmotnost |





Mounting dimensions

| | | |
|---------------------|---------|--------------------------------------|
| d_1 | 29,7 mm | Maximum rib diameter inner ring |
| $D_{1 \text{ min}}$ | 38,8 mm | Minimum rib diameter outer ring |
| $d_{a \text{ min}}$ | 24 mm | Minimum diameter shaft shoulder |
| $d_{c \text{ min}}$ | 32 mm | Minimum shaft shoulder |
| $D_{a \text{ max}}$ | 41 mm | Maximum diameter of housing shoulder |
| $r_{a \text{ max}}$ | 1 mm | Maximum recess radius |







Dimensions

| | | |
|---------------------|---------|-----------------------------|
| r_{min} | 1 mm | Minimum chamfer dimension |
| $r_{1 \text{ min}}$ | 0,6 mm | Minimum chamfer dimension |
| E | 41,5 mm | Raceway diameter outer ring |
| F | 26,5 mm | Raceway diameter inner ring |
| B_3 | 3,5 mm | Width of loose rib |

Temperature range

| | | |
|------------------|--------|----------------------------|
| T_{min} | -30 °C | Operating temperature min. |
| T_{max} | 120 °C | Operating temperature max. |

Vlastnosti

-  Radiální zatížení
-  Axiální zatížení v jednom směru
-  Axiální zatížení ve dvou směrech
-  Mazání (plastickým mazivem)
-  Mazání olejem
-  Neutěsněné