

FAG

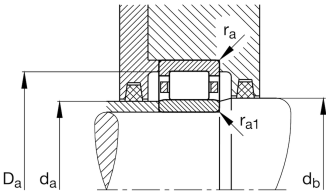
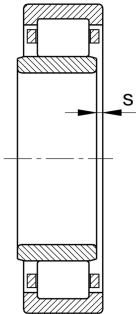
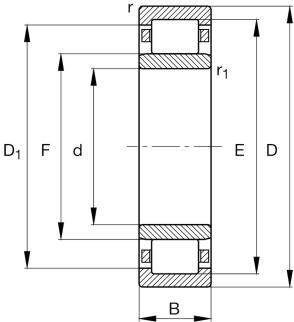
NU216-E-XL-TVP2

Cylindrical roller bearing

Cylindrical roller bearing NU..-E-XL-TVP2, with cage, single row, non-locating bearing, 2 ribs on outer ring, 0 ribs on inner ring (smooth), type NU, Running accuracy in P6

X-life

Technical information



Your current product variant

| | | |
|--------------------------------|--------------|----------------------------------|
| 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 | 80 mm | Bore diameter |
| D | 140 mm | Outside diameter |
| B | 26 mm | Width |
| C _r | 166,000 N | Basic dynamic load rating, radial |
| C _{0r} | 168,000 N | Basic static load rating, radial |
| C _{ur} | 23,100 N | Fatigue load limit, radial |
| n _G | 7,000 1/min | Limiting speed |
| n _{gr} | 4,200 1/min | Reference speed |
| ≈m | 1.51 kg | Weight |



Mounting dimensions

| | | |
|----------|--------|--------------------------------------|
| d a min | 91 mm | Minimum diameter shaft shoulder |
| d a max | 94 mm | Maximum diameter of shaft shoulder |
| d b min | 97 mm | Minimum shaft shoulder |
| D a max | 129 mm | Maximum diameter of housing shoulder |
| r a max | 2 mm | Maximum recess radius |
| r a1 max | 2 mm | Maximum recess radius |





Dimensions

| | | |
|---------|----------|---------------------------------|
| r min | 2 mm | Minimum chamfer dimension |
| r 1 min | 2 mm | Minimum chamfer dimension |
| s | 1.3 mm | Axial displacement |
| E | 127.3 mm | Raceway diameter outer ring |
| F | 95.3 mm | Raceway diameter inner ring |
| D 1 min | 122.9 mm | Minimum rib diameter outer ring |

Temperature range

| | | |
|-------|--------|----------------------------|
| T min | -30 °C | Operating temperature min. |
| T max | 120 °C | Operating temperature max. |

Characteristics

| | |
|---|--------------------|
|  | Radial load |
|  | Grease Lubrication |
|  | Oil Lubrication |
|  | Not sealed |