

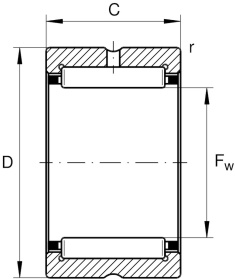
NKS35-XL

Needle roller bearing

Needle roller bearings NKS, heavy series

X-life

Technical information



Your current product variant

| | | |
|-----------------|----------|-------------|
| Lubricant | Without | |
| Cage | Standard | |
| Cage feature | Standard | |
| Tolerance class | PN | Normal (PN) |

Main Dimensions & Performance Data

| | | |
|----------|--------------|-----------------------------------|
| F_w | 35 mm | Under roller diameter |
| D | 50 mm | Outside diameter |
| C | 22 mm | Width, outer ring |
| C_r | 39,500 N | Basic dynamic load rating, radial |
| C_{0r} | 47,000 N | Basic static load rating, radial |
| C_{ur} | 8,200 N | Fatigue load limit, radial |
| n_G | 12,300 1/min | Limiting speed |
| n_{gr} | 7,400 1/min | Reference speed |

$\approx m$ 120 g Weight

Dimensions






| | | |
|-----------|--------|---------------------------|
| r_{min} | 0.6 mm | Minimum chamfer dimension |
|-----------|--------|---------------------------|



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
-  Small design envelope