

**NK70/25-XL**

Needle roller bearing

Needle roller bearings NK, light series

X-life

Technical information



Your current product variant

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

Main Dimensions & Performance Data

| | | |
|-------------|-------------|-----------------------------------|
| F_w | 70 mm | Under roller diameter |
| D | 85 mm | Outside diameter |
| C | 25 mm | Width, outer ring |
| C_r | 50.000 N | Basic dynamic load rating, radial |
| C_{0r} | 92.000 N | Basic static load rating, radial |
| C_{ur} | 16.000 N | Fatigue load limit, radial |
| n_G | 6.600 1/min | Limiting speed |
| n_{gr} | 4.450 1/min | Reference speed |
| $\approx m$ | 0,27 kg | 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