



★ NK14/16-XL

Needle roller bearing

Schaeffler ID:
0507533200000

Needle roller bearings NK, light series

★ Preferred product

X-life

Technical information



Temperature range

| | | |
|------------|---------|----------------------------|
| T_{\min} | -30 °C | Operating temperature min. |
| T_{\max} | 120 °C | Operating temperature max. |
| | 20,42 g | Weight |

Main Dimensions & Performance Data

| | | |
|----------|--------------|-----------------------------------|
| F_w | 14 mm | Under roller diameter |
| D | 22 mm | Outside diameter |
| C | 16 mm | Width, outer ring |
| C_r | 11.400 N | Basic dynamic load rating, radial |
| C_{0r} | 11.500 N | Basic static load rating, radial |
| C_{ur} | 2.140 N | Fatigue load limit, radial |
| n_G | 24.600 1/min | Limiting speed |
| n_{gr} | 18.600 1/min | Reference speed |

Dimensions

| | | |
|------------|--------|---------------------------|
| r_{\min} | 0,3 mm | Minimum chamfer dimension |
|------------|--------|---------------------------|

Additional information

| | |
|-----------|----------------|
| G14X22X3 | Sealing ring |
| SD14X22X3 | Sealing ring 2 |