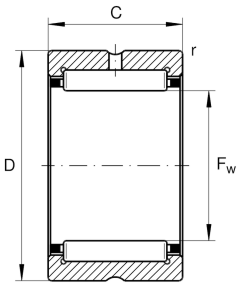


**NKS80**

Needle roller bearing

Needle roller bearing NKS, single row, no inner ring, outer ring with 2 bords

Technical information

**Your current product variant**

| | |
|--------------|----------|
| Cage | Standard |
| Cage feature | Standard |

Main Dimensions & Performance Data

| | | |
|-------------|-------------|-----------------------------------|
| F_w | 80 mm | Under roller diameter |
| D | 100 mm | Outside diameter |
| C | 28 mm | Width, outer ring |
| C_r | 75.000 N | Basic dynamic load rating, radial |
| C_{0r} | 133.000 N | Basic static load rating, radial |
| C_{ur} | 19.500 N | Fatigue load limit, radial |
| n_G | 5.700 1/min | Limiting speed |
| n_{gr} | 3.700 1/min | Reference speed |
| $\approx m$ | 429,5 g | Weight |

Dimensions

| | | |
|-----------|--------|---------------------------|
| r_{min} | 1,1 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