

**K47X52X17** [↗](#)

Needle roller cage assembly

Needle roller cage assembly K, single row

Technical information



Your current product variant

| | | |
|------|----|-------------------|
| Cage | JN | Steel sheet metal |
|------|----|-------------------|

Main Dimensions & Performance Data

| | | |
|----------|-------------|--|
| F_w | 47 mm | Inner diameter of needle roller complement |
| E_w | 52 mm | Outside diameter of needle roller complement |
| B_c | 17 mm | Width |
| C_r | 23.300 N | Basic dynamic load rating, radial |
| C_{0r} | 49.000 N | Basic static load rating, radial |
| C_{ur} | 6.300 N | Fatigue load limit, radial |
| n_G | 9.900 1/min | Limiting speed |
| n_{gr} | 5.800 1/min | Reference speed |
| m | 35,3 g | Weight |

Temperature range

| | | |
|-----------|--------|----------------------------|
| T_{min} | -30 °C | Operating temperature min. |
| T_{max} | 140 °C | Operating temperature max. |



Characteristics

-  Radial load
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed
-  Small design envelope