

**K42X47X17** [↗](#)

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 | 42 mm | Inner diameter of needle roller complement |
| E_w | 47 mm | Outside diameter of needle roller complement |
| B_c | 17 mm | Width |
| C_r | 21.700 N | Basic dynamic load rating, radial |
| C_{0r} | 43.000 N | Basic static load rating, radial |
| C_{ur} | 5.500 N | Fatigue load limit, radial |
| n_G | 11.000 1/min | Limiting speed |
| n_{gr} | 6.400 1/min | Reference speed |
| m | 31,8 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