

**K42X47X13** [↗](#)

Needle roller cage assembly

Needle roller cage assembly K, single row

## Technical information



## Your current product variant

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

## Main Dimensions &amp; Performance Data

$F_w$	42 mm	Inner diameter of needle roller complement
$E_w$	47 mm	Outside diameter of needle roller complement
$B_c$	13 mm	Width
$C_r$	17.800 N	Basic dynamic load rating, radial
$C_{0r}$	33.500 N	Basic static load rating, radial
$C_{ur}$	4.400 N	Fatigue load limit, radial
$n_G$	11.000 1/min	Limiting speed
$n_{gr}$	6.400 1/min	Reference speed
$m$	18,73 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