

**K42X50X20** [↗](#)

Needle roller cage assembly

Needle roller cage assembly K, single row

## Technical information



## Your current product variant

Cage	JN	Steel sheet metal
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## Main Dimensions &amp; Performance Data

$F_w$	42 mm	Inner diameter of needle roller complement
$E_w$	50 mm	Outside diameter of needle roller complement
$B_c$	20 mm	Width
$C_r$	35.000 N	Basic dynamic load rating, radial
$C_{0r}$	57.000 N	Basic static load rating, radial
$C_{ur}$	7.400 N	Fatigue load limit, radial
$n_G$	10.700 1/min	Limiting speed
$n_{gr}$	6.000 1/min	Reference speed
$\approx m$	49 g	Weight

## Temperature range

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



### Characteristics

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