

**K45X52X18** [↗](#)

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 & Performance Data

F_w	45 mm	Inner diameter of needle roller complement
E_w	52 mm	Outside diameter of needle roller complement
B_c	18 mm	Width
C_r	31.500 N	Basic dynamic load rating, radial
C_{0r}	57.000 N	Basic static load rating, radial
C_{ur}	8.000 N	Fatigue load limit, radial
n_G	10.100 1/min	Limiting speed
n_{gr}	5.700 1/min	Reference speed
m	42,528 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