

**K45X53X21** [↗](#)

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	53 mm	Outside diameter of needle roller complement
B_c	21 mm	Width
C_r	38.500 N	Basic dynamic load rating, radial
C_{0r}	67.000 N	Basic static load rating, radial
C_{ur}	8.800 N	Fatigue load limit, radial
n_G	10.000 1/min	Limiting speed
n_{gr}	5.600 1/min	Reference speed
m	0,059 kg	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