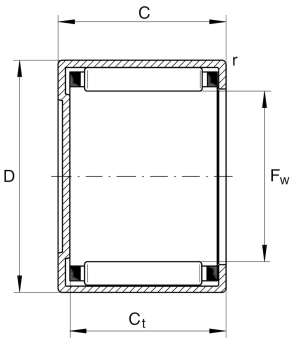


**BK0709** [↗](#)

Drawn cup needle roller bearing closed end

Drawn cup needle roller bearings with closed end BK, to DIN 618/ISO 3245

Technical information



Your current product variant

Lubricant	Without
Lubrication hole	Without
Coating	Without
Sealing	Without

Main Dimensions & Performance Data

F_w	7 mm	Under roller diameter
D	11 mm	Outside diameter
C	9 mm	Width, outer ring
C_r	3.100 N	Basic dynamic load rating, radial
C_{0r}	2.950 N	Basic static load rating, radial
C_{ur}	360 N	Fatigue load limit, radial
n_G Grease	19.800 1/min	Limiting speed for grease lubrication
n_G	33.000 1/min	Limiting speed
n_{gr}	26.500 1/min	Reference speed
$\approx m$	2,7 g	Weight

Dimensions

r_{\min}	0,4 mm	Minimum chamfer dimension
$C_{t\min}$	7,4 mm	Minimum width to base of drawn cup with closed end



Temperature range

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

Additional information

GR7X11X2	Sealing ring
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Characteristics

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