



HK0606

Drawn cup needle roller bearing open end

Schaeffler ID:
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Drawn cup needle roller bearings with
open ends HK, to DIN 618/ISO 3245

Technical information



Main Dimensions & Performance Data

F_w	6 mm	Under roller diameter
D	10 mm	Outside diameter
C	6 mm	Width
C_r	1,610 N	Basic dynamic load rating, radial
C_{0r}	1,220 N	Basic static load rating, radial
C_{ur}	212 N	Fatigue load limit, radial
n_G	36,500 1/min	Limiting speed
$n_{G \text{ Grease}}$	21,900 1/min	Limiting speed for grease lubrication
n_{gr}	31,500 1/min	Reference speed
	1.5 g	Weight

Dimensions

	GR6X10X2	Sealing ring
C_1	6 mm	Width, outer ring
r_{min}	0.4 mm	Minimum chamfer dimension

Temperature range

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