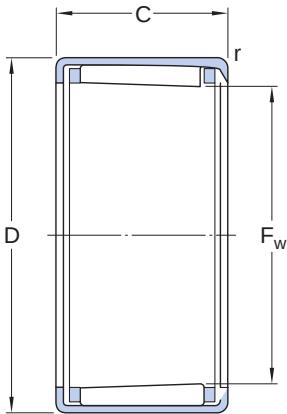


HK 6012



Drawn cup needle roller bearings are typically used in applications where the housing bore cannot be used as a raceway for a needle roller and cage assembly, but where a very compact and economical bearing arrangement is required. Owing to their large number of rollers, the bearings have a high load carrying capacity and stiffness.

- High radial load carrying capacity
- High stiffness
- Very low cross-sectional height



Dimensions		
F _w	60 mm	Diameter under rollers
D	68 mm	Outside diameter
C	12 mm	Width
r	min. 0.8 mm	Chamfer dimension drawn cup (outer ring)

Calculation data

Basic dynamic load rating	C	17.6 kN
Basic static load rating	C ₀	32 kN
Fatigue load limit	P _u	3.8 kN
Reference speed		4 300 r/min
Limiting speed		4 800 r/min

Tolerances and clearances

GENERAL BEARING SPECIFICATIONS

- Tolerances: table

DESIGN CONSIDERATIONS

- Shaft and housing tolerances: table

AGA BEARINGS