



NK 60/35

- Popular item

Needle roller bearings with machined rings, without an inner ring

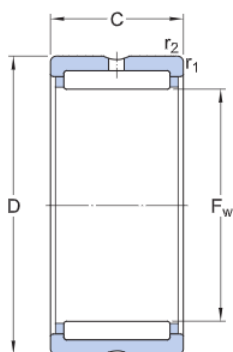
Bearing data

[Tolerances](#),
Normal, P6, P5, ISO - F6 (Fw),
[Radial internal clearance](#),
table

Design considerations

[Housing tolerances](#),
table,
[Shaft tolerances](#),
[Operating clearance](#)

Technical specification

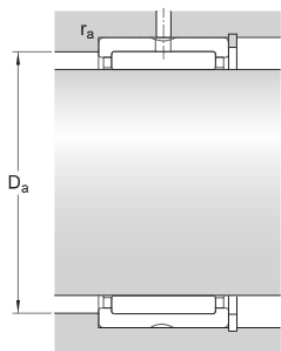


DIMENSIONS

F_w	60 mm	Diameter under rollers
D	72 mm	Outside diameter
C	35 mm	Width
$r_{1,2}$	min.0.6 mm	Chamfer dimension outer ring

ABUTMENT DIMENSIONS

D_a	max.68 mm	Abutment diameter housing (with flanges)
r_a	max.0.6 mm	Fillet radius



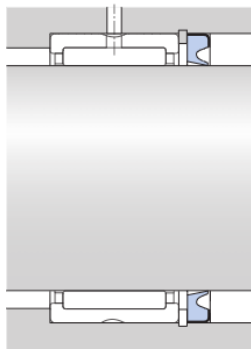
CALCULATION DATA

Basic dynamic load rating	C	55 kN
Basic static load rating	C ₀	134 kN
Fatigue load limit	P _u	17 kN
Reference speed		6 700 r/min
Limiting speed		7 500 r/min

MASS

Mass bearing	0.26 kg
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ASSOCIATED SEALS



Radial shaft seal	60x72x8 HMS5 RG	Radial shaft seal
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