



NA 49/22

Popular item

Needle roller bearings with machined rings, with an inner ring

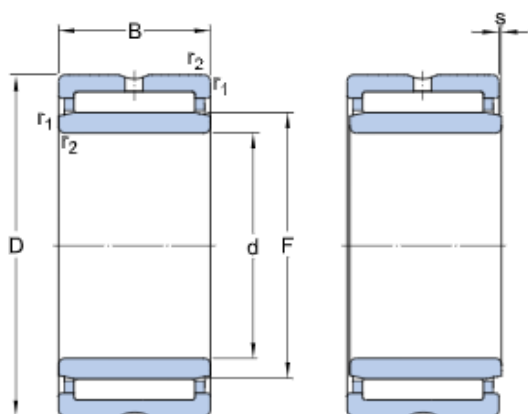
Bearing data

[Tolerances](#),
Normal, P6, P5,
[Radial internal clearance](#),
table

Design considerations

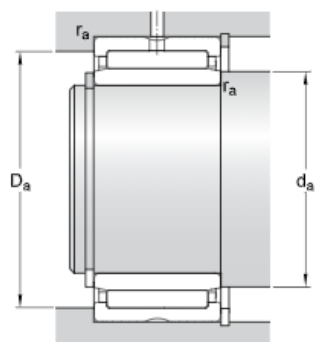
[Shaft and housing tolerances](#),
shaft, housing

Technical specification



DIMENSIONS

d	22 mm
D	39 mm
B	17 mm
F	28 mm
$r_{1,2}$	min. 0.3 mm
s	max. 0.8 mm



ABUTMENT DIMENSIONS

d_a	min. 24 mm
D_a	max. 37 mm
r_a	max. 0.3 mm

CALCULATION DATA

Basic dynamic load rating	C	23.3 kN
Basic static load rating	C ₀	32 kN
Fatigue load limit	P _u	3.9 kN
Reference speed		14 000 r/min
Limiting speed		15 000 r/min

MASS

Mass bearing	0.08 kg
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More information

<p>Product details</p> <p>Designs and variants</p> <hr/> <p>Bearing data</p> <hr/> <p>Loads</p> <hr/> <p>Temperature limits</p> <hr/> <p>Permissible speed</p> <hr/> <p>Design considerations</p> <hr/> <p>Designation system</p> <hr/>	<p>Engineering information</p> <p>Principles of rolling bearing selection</p> <hr/> <p>General bearing knowledge</p> <hr/> <p>Bearing selection process</p> <hr/> <p>Bearing failure and how to prevent it</p> <hr/>	<p>Tools</p> <p>SimPro Quick</p> <hr/> <p>Bearing Select</p> <hr/> <p>Engineering Calculator</p> <hr/> <p>LubeSelect for SKF greases</p> <hr/> <p>Heater Selection Tool</p> <hr/> <p>skf.com/mount</p> <hr/>
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