



NA 4822

Popular item

Needle roller bearings with machined rings, with an inner ring

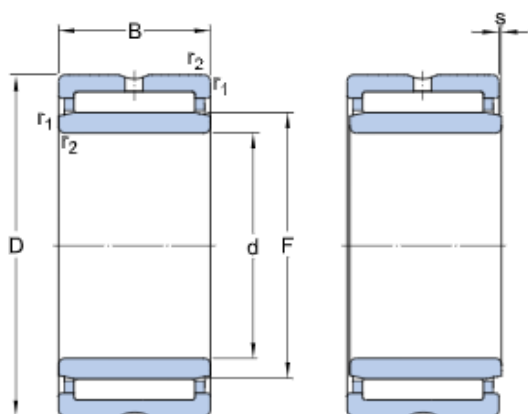
Bearing data

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

Design considerations

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

Technical specification

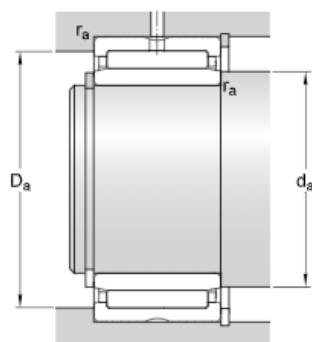


DIMENSIONS

d	110 mm
D	140 mm
B	30 mm
F	120 mm
$r_{1,2}$	min. 1 mm
s	max. 0.8 mm

ABUTMENT DIMENSIONS

d_a	min. 115 mm
D_a	max. 135 mm
r_a	max. 1 mm



CALCULATION DATA

Basic dynamic load rating	C	93.5 kN
Basic static load rating	C ₀	232 kN
Fatigue load limit	P _u	27 kN
Reference speed		3 400 r/min
Limiting speed		3 800 r/min

MASS

Mass bearing	1.08 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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