

**AXS8599** [↗](#)

Axial conical thrust cage needle roller bearing

Axial angular contact roller bearing

Technical information

**Main Dimensions & Performance Data**

d	85 mm	Bore diameter
D	99 mm	Outer diameter
H	6 mm	Height
max	0 mm	Tolerance height max.
min	-0,5 mm	Tolerance height min.
α	60 °	Contact angle
C_a	26.500 N	Basic dynamic load rating, axial
C_{0a}	109.000 N	Basic static load rating, axial
$\approx m$	60 g	Weight

Dimensions

d_a	85 mm	Centering on the shaft
max	-0,1 mm	Centering tolerance in the housing max.
min	-0,2 mm	Centering tolerance in the housing min.
D_a	99 mm	Centering in the housing
max	0,2 mm	Centering tolerance on the shaft max.
min	0,1 mm	Centering tolerance on the shaft min.



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Temperature range

T _{min}	-30 °C	Operating temperature min.
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T _{max}	120 °C	Operating temperature max.
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