

**AXS0816** [↗](#)

Axial conical thrust cage needle roller bearing

Axial angular contact roller bearing

## Technical information

**Main Dimensions & Performance Data**

d	8 mm	Bore diameter
D	16 mm	Outer diameter
H	3 mm	Height
max	0,26 mm	Tolerance height max.
min	0,06 mm	Tolerance height min.
$\alpha$	45 °	Contact angle
$C_a$	3.600 N	Basic dynamic load rating, axial
$C_{0a}$	6.300 N	Basic static load rating, axial
$C_r$	1.510 N	Basic dynamic load rating, radial
$C_{0r}$	1.270 N	Basic static load rating, radial
$\approx m$	3 g	Weight

**Dimensions**

$d_a$	8 mm	Centering on the shaft
max	-0,05 mm	Centering tolerance in the housing max.
min	-0,15 mm	Centering tolerance in the housing min.
$D_a$	16,3 mm	Centering in the housing
max	0,15 mm	Centering tolerance on the shaft max.
min	0,05 mm	Centering tolerance on the shaft min.



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### Temperature range

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T <sub>min</sub>	-30 °C	Operating temperature min.
T <sub>max</sub>	120 °C	Operating temperature max.