

Planetary Gearhead GP 32 C Ø32 mm, 1.0 - 6.0 Nm, Ceramic Version

Ceramic Version

Part number 166932



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Price scales

Price per unit	1-4	CHF 140.20
	5-19	CHF 100.60
	20-49	CHF 91.70
	from 50	On request

Prices excluding VAT

Gears can be purchased only as a component of a combination.

[Start combination](#)

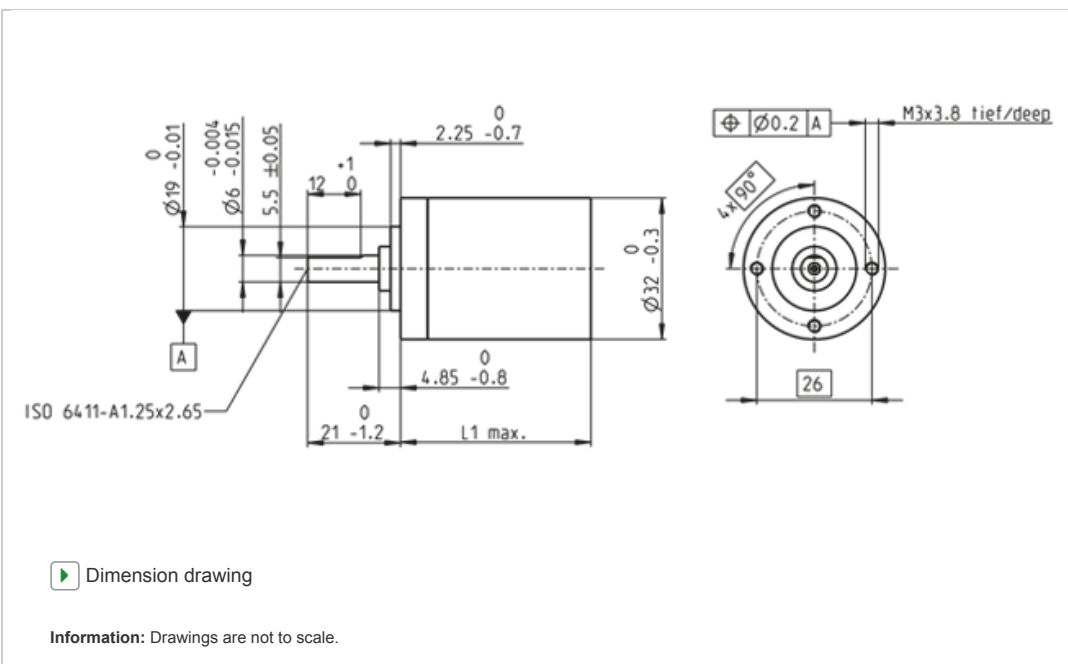
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Description

Precision spur- and planetary gearheads matched to maxon motors. Gears are advantageously adapted directly to the desired motors in the delivery plant. The motor pinion is the input gearwheel for the first stage and is rigidly affixed to the motor shaft.

Specifications

Technical illustrations



Dimension drawing

General information

<input type="checkbox"/>	Gearhead type	GP
<input type="checkbox"/>	Outer diameter	32 mm
<input type="checkbox"/>	Version	C

Gearhead Data

<input type="checkbox"/>	Reduction	5.8 : 1
<input type="checkbox"/>	Absolute reduction	23/4
<input type="checkbox"/>	Max. motor shaft diameter	3 mm
<input type="checkbox"/>	Number of stages	1
<input type="checkbox"/>	Max. continuous torque	1 Nm
<input type="checkbox"/>	Max. intermittent torque	1.25 Nm

	Direction of rotation, drive to output	=
	Max. efficiency	80 %
	Average backlash no load	0.7 °
	Mass inertia	1.5 gcm ²
	Gearhead length (L1)	26.5 mm
	Max. transmittable power (continuous)	140 W
	Max. transmittable power (intermittent)	180 W

Technical Data

	Radial play	max. 0.14 mm, 5 mm from flange
	Axial play	max. 0.4 mm
	Max. radial load	140 N, 10 mm from flange
	Max. axial load (dynamic)	120 N
	Max. force for press fits	120 N
	Max. continuous input speed	8000 rpm
	Max. intermittent input speed	8000 rpm
	Recommended temperature range	-40...+100 °C
	Number of autoclave cycles	0

Product

	Weight	110 g
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Downloads

Catalog page

- > [Catalog pages \(deutsch, PDF 498 KB\)](#)
Version 2014
- > [Catalog page \(englisch, PDF 496 KB\)](#)
Version 2014
- > [カタログのページ \(日本語, PDF 122 KB\)](#)
Version 2014

CAD-Files (STEP)

- > [CAD drawing \(STEP\) \(ZIP 54 KB\)](#)
Version 2012