

DETAILS

Planetary Gearhead GP 42 C Ø42 mm, 3 - 15 Nm, Ceramic Version | Ceramic Version

Part number 260552



PRICE SCALES	Quantity	Price per unit
Prices excluding VAT and shipping costs	1-4	€251.09
	5-19	€215.64
	20-49	€176.73
	from 50	On request

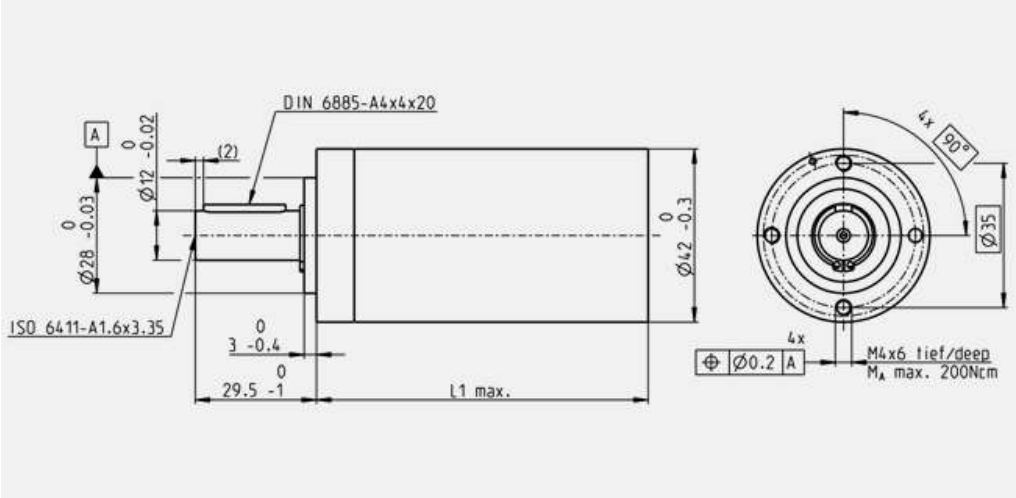
Gears can be purchased only as a component of a combination.

Start combination

Specifications	Description	Downloads
----------------	-------------	-----------

Specifications

TECHNICAL ILLUSTRATIONS



Dimension drawing

Information: Drawings are not to scale.

GENERAL INFORMATION	
Gearhead type	GP
Outer diameter	42 mm

Version	Ceramic version
GEARHEAD DATA	
Reduction	36 : 1
Absolute reduction	36/1
Max. motor shaft diameter	4 mm
Number of stages	2
Max. continuous torque	7.5 Nm
Max. intermittent torque	11.3 Nm
Direction of rotation, drive to output	=
Max. efficiency	81 %
Average backlash no load	0.8 °
Mass inertia	5 gcm ²
Gearhead length (L1)	55.5 mm
Max. transmittable power (continuous)	170 W
Max. transmittable power (intermittent)	260 W
TECHNICAL DATA	
Radial play	max. 0.06 mm, 12 mm from flange
Axial play	max. 0.3 mm
Max. radial load	240 N, 12 mm from flange
Max. axial load (dynamic)	150 N
Max. force for press fits	300 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	360 g

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.

Downloads

CAD-FILES (STEP)

CAD model (STEP) (ZIP 123 KB)

Version 2017

OG PAGE

目录页 (chinesisch, PDF 633 KB)

Version 2020

Katalogseiten (deutsch, PDF 174 KB)

Version 2020

Videos

Add to wish list

Make a request

Send to a colleague

Print specifications

Selecting, combining, and configuring drive systems

Short delivery times for custom drives

Extensive product specifications and software

Product support

+41 (41) 666 18 00

Shopping made easy

Product selection

Shipping


Delivery


Payment

Payment options

VISA

mastercard





INVOICE

Knowledge

Find out more about the interaction of motor, gearhead, sensors, and controller.

Knowledge & e-learning

