

DETAILS

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

Part number 203123



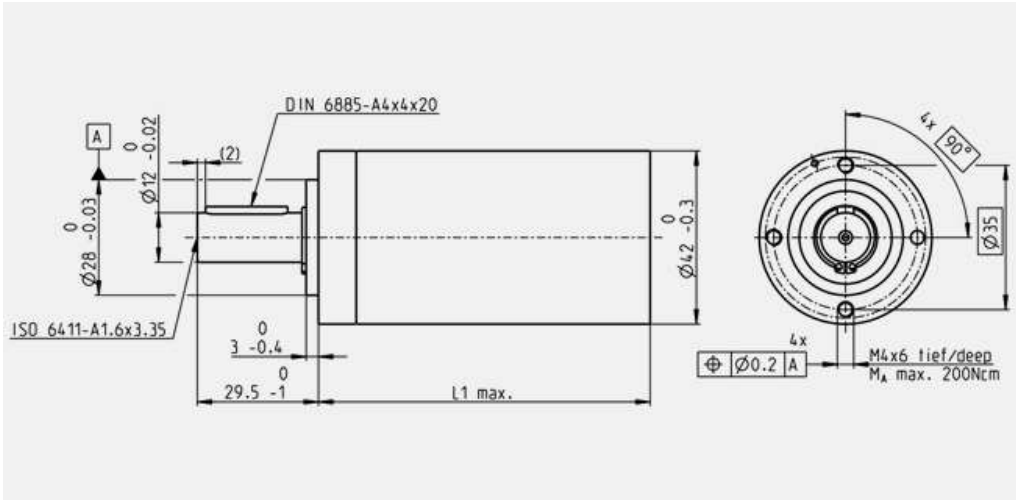
PRICE SCALES	Quantity	Price per unit
Prices excluding VAT and shipping costs	1-4	€266.37
	5-19	€228.82
	20-49	€187.46
	from 50	On request

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	74 : 1
Absolute reduction	147/2
Max. motor shaft diameter	10 mm
Number of stages	3
Max. continuous torque	15 Nm
Max. intermittent torque	22 Nm
Direction of rotation, drive to output	=
Max. efficiency	72 %
Average backlash no load	1 °
Mass inertia	15 gcm ²
Gearhead length (L1)	70 mm
Max. transmittable power (continuous)	170 W
Max. transmittable power (intermittent)	250 W
TECHNICAL DATA	
Bearing at output	ball bearing
Radial play	max. 0.06 mm, 12 mm from flange
Axial play	max. 0.3 mm
Max. radial load	360 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	460 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

LOG PAGE

目录页 (chinesisch, PDF 633 KB)

Version 2020

Katalogseiten (deutsch, PDF 174 KB)	Version 2020
Catalog page (english, PDF 199 KB)	Version 2021
Catálogo Pagina (español, PDF 215 KB)	Version 2020
Page de catalogue (française, PDF 166 KB)	Version 2020
カタログページ (日本語, PDF 898 KB)	Version 2020

Videos

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