

DETAILS

Spur Gearhead GS 38 A Ø38 mm, 0.1 - 0.6 Nm

Part number 110454



PRICE SCALES	Quantity	Price per unit
Prices excluding VAT and shipping costs	1-4	€69.79
	5-19	€56.42
	20-49	€47.05
	from 50	On request

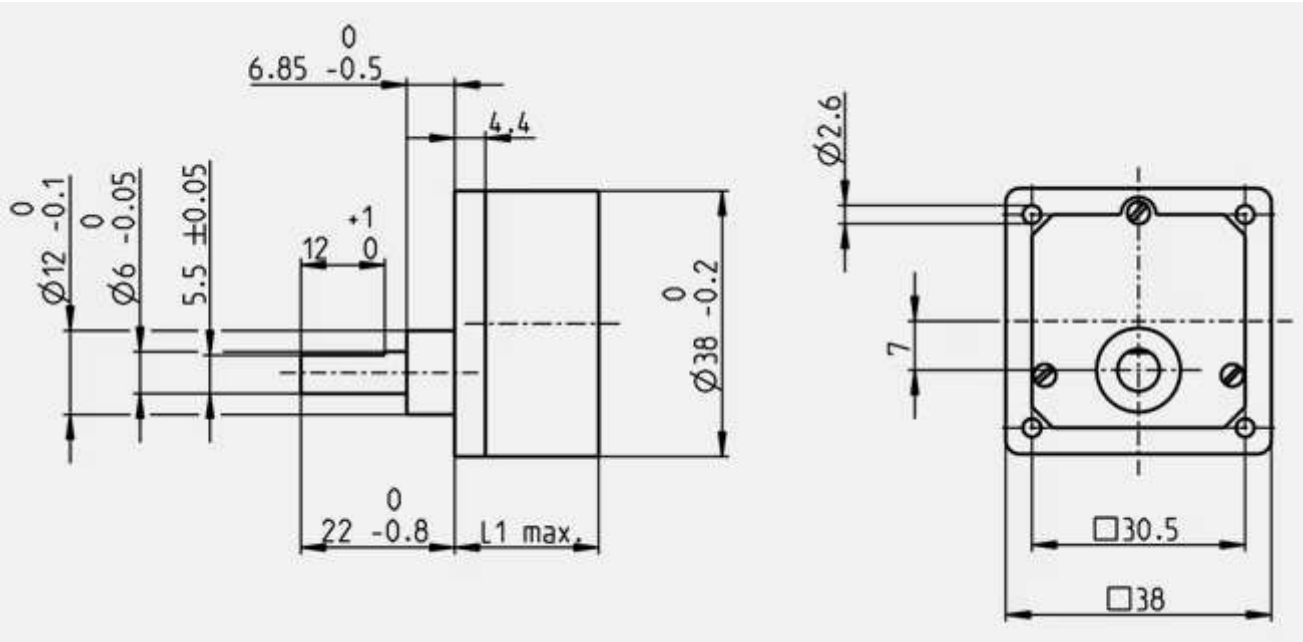
Gears can be purchased only as a component of a combination.

Start combination

Specifications	Description	Downloads
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Specifications
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TECHNICAL ILLUSTRATIONS



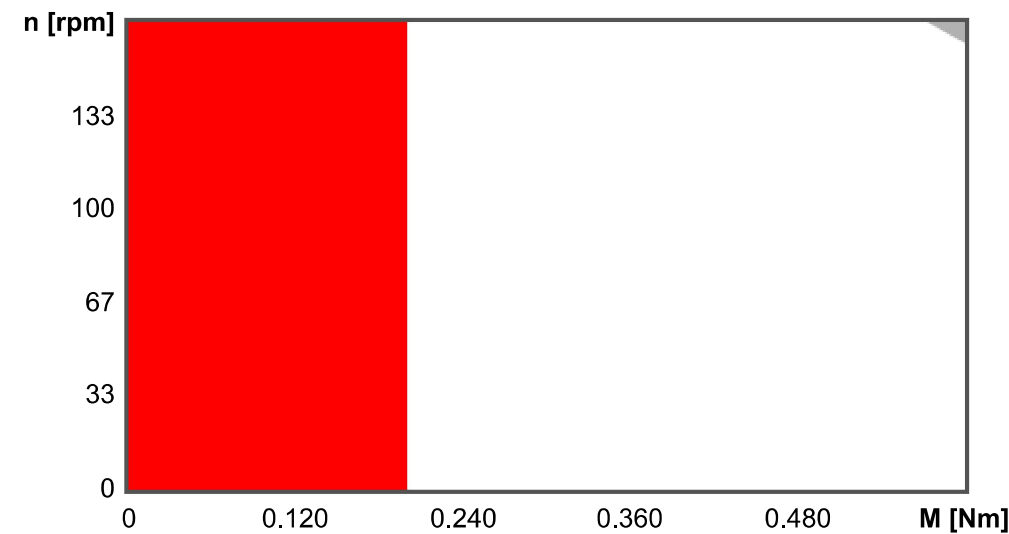
Dimension drawing

Information: Drawings are not to scale.

GENERAL INFORMATION	
Gearhead type	GS
Outer diameter	38 mm
Version	Standard version
GEARHEAD DATA	
Reduction	30 : 1
Absolute reduction	30/1
Max. motor shaft diameter	3 mm
Number of stages	3
Max. continuous torque	0.2 Nm

Max. intermittent torque	0.6 Nm
Direction of rotation, drive to output	!=
Max. efficiency	73 %
Average backlash no load	1.5 °
Mass inertia	0.4 gcm²
Gearhead length (L1)	23.1 mm
Max. transmittable power (continuous)	3.5 W
Max. transmittable power (intermittent)	10 W
TECHNICAL DATA	
Bearing at output	sleeve bearing
Radial play	max. 0.1 mm, 12 mm from flange
Axial play	0.03 - 0.2 mm
Max. radial load	50 N, 12 mm from flange
Max. axial load (dynamic)	30 N
Max. force for press fits	500 N
Max. continuous input speed	5000 rpm
Max. intermittent input speed	5000 rpm
Recommended temperature range	-5...+80 °C
Extended temperature range	80...+80 °C
Number of autoclave cycles	0
PRODUCT	
Weight	60 g

OPERATING RANGE



 Continuous operation range

 Short term operation range

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 136 KB) Version 2017

CATALOG PAGE

目录页 (chinesisch, PDF 1 MB) Version 2020  
Katalogseiten (deutsch, PDF 80 KB) Version 2020  
Catalog page (english, PDF 92 KB) Version 2021

Catálogo Pagina (español, PDF 78 KB)Version 2020

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