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Planetary Gearhead GP 22 C Ø22 mm, 0.5 - 2.0 Nm

Ceramic Version

Part number 143980



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Price scales		
Price per unit	1-4	€108.00
	5-19	€87.09
	20-49	€73.09
	from 50	On request
Prices excluding VAT and shipping costs		
Gears can be purchased only as a component of a combination.		

Start combination

Print specifications

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

Information: Drawings are not to scale.

General information

Gearhead type	GP
Outer diameter	22 mm
Version	Ceramic version

Gearhead Data

Reduction	53 : 1
Absolute reduction	3375/64
Max. motor shaft diameter	4 mm
Number of stages	3
Max. continuous torque	1.2 Nm
Max. intermittent torque	1.9 Nm
Direction of rotation, drive to output	=
Max. efficiency	59 %
Average backlash no load	1.6 °
Mass inertia	0.4 gcm ²
Gearhead length (L1)	39 mm
Max. transmittable power (continuous)	19 W
Max. transmittable power (intermittent)	30 W

Technical Data

Radial play	max. 0.2 mm, 10 mm from flange
Axial play	0 - 0.2 mm

	Max. radial load	55 N, 10 mm from flange	
	Max. axial load (dynamic)	100 N	
Downloads			
	Max. continuous input speed	8000 rpm	
	Max. intermittent input speed	8000 rpm	
	Recommended temperature range	-40...+100 °C	Version 2017
	Number of autoclave cycles	0	
Catalog page			
	Katalogseiten (deutsch, PDF 141 KB)		Version 2019
	Catalog page (english, PDF 89 KB)		Version 2018
	カタログページ (日本語, PDF 121 KB)		Version 2017