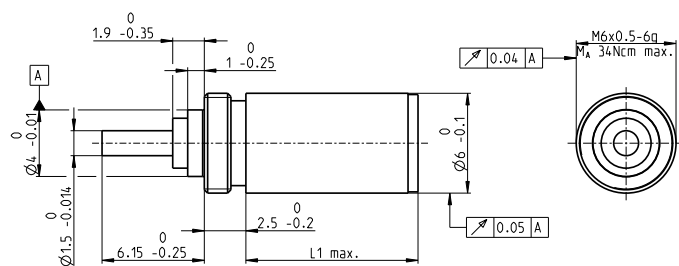


GPX 6 Ø6 mm, planetary gearhead

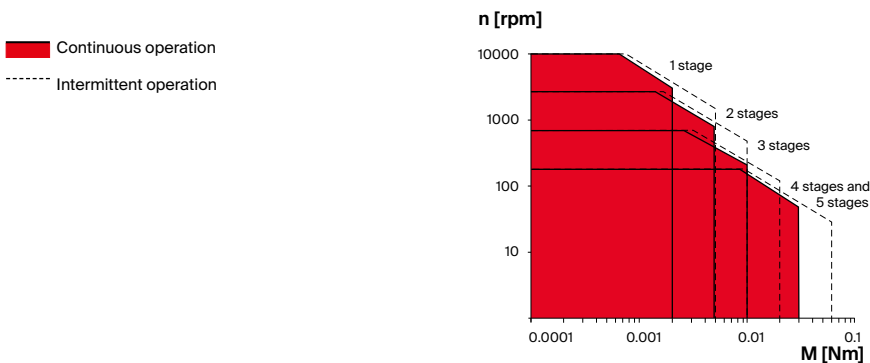


GPX

M 1:2

Key data		A	Standard version
Max. transmittable power	W	0.6	
Max. continuous torque	Nm	0.03	
Max. continuous input speed	rpm	40 000	
Ambient temperature	°C	-40...+100	
Bearing at output		Ball bearing	

Operating range (output shaft)	A	Standard version
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Specifications		A	Standard version				
Number of stages			1	2	3	4	5
Max. transmittable power (continuous)	W		0.63	0.39	0.20	0.15	0.04
Max. transmittable power (intermittent)	W		0.79	0.49	0.25	0.18	0.05
Max. continuous torque	Nm		0.002	0.005	0.01	0.03	0.03
Max. intermittent torque	Nm		0.005	0.01	0.02	0.06	0.06
Max. continuous input speed	rpm		40 000	40 000	40 000	40 000	40 000
Max. intermittent input speed	rpm		40 000	40 000	40 000	40 000	40 000
Max. efficiency	%		88	77	68	60	52
Average backlash no load	°		1.8	2.0	2.2	2.5	2.8
Max. axial load (dynamic)	N		5	5	5	5	5
Max. radial load, 5 mm from flange	N		5	6	7	8	8
Gearhead length L1 [†]	mm		5.3	7.8	10.4	13.0	15.6
Weight	g		1.7	2.1	2.5	2.9	3.3

Configuration		A	Standard version				
Number of stages			1	2	3	4	5
Reduction	X:1		3.9	15	57	221	854
Absolute reduction: (see online)							
Version			Standard				
Flange			Standard flange/flange with centering diameter				
Shaft			Length/flat face				

Modular system		Page			Page
DC motor	Nº of stages [opt.]		EC motor	Nº of stages [opt.]	
DCX 6 M	1-5	97	ECX SPEED 6 M	1-5	195-196
			ECX PRIME 6 M	1-5	235

[†]This length may vary depending on the configuration and choice of motor. The effective length is calculated at the end of the configuration process.