GPX 10 ⌀10 mm, planetary gearhead

Key Data		A Standard Version
Max. transmittable power	W	1.6
Max. continuous torque	Nm	0.15
Max. continuous input speed	rpm	12 000
Ambient temperature	°C	-40 ... +80
Bearing at output		Ball bearing

Operating Range (output shaft)

A   Standard Version

■ Continuous operation

- - - Intermittent operation
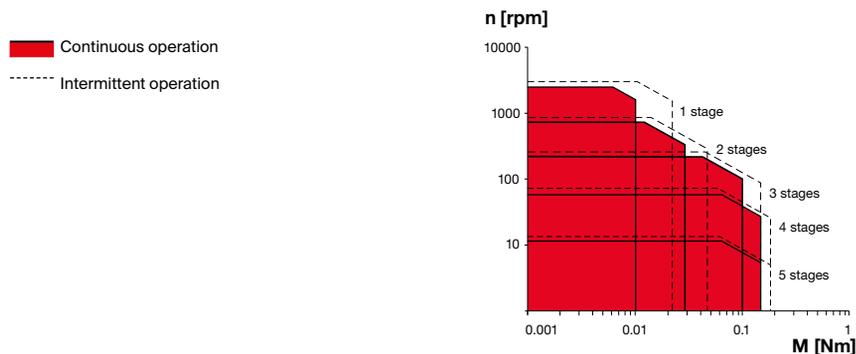
| Specifications		A Standard Version				
Number of stages		1	2	3	4	5
Max. transmittable power (continuous)	W	1.6	1.2	1.0	0.40	0.10
Max. transmittable power (intermittent)	W	2.0	1.5	1.3	0.50	0.13
Max. continuous torque	Nm	0.01	0.03	0.10	0.15	0.15
Max. intermittent torque	Nm	0.02	0.05	0.15	0.20	0.20
Max. continuous input speed	rpm	12000	12000	12000	12000	12000
Max. intermittent input speed	rpm	15000	15000	15000	15000	15000
Max. efficiency	%	90	81	73	65	59
Average backlash no load	°	1.5	1.8	2.0	2.2	2.5
Max. axial load (dynamic)	N	5	5	5	5	5
Max. radial load, 5 mm from flange	N	5	10	15	20	25
Gearhead length L1[1]	mm	9.9	13.4	16.6	19.8	23.0
Weight	g	6.7	7.2	7.7	8.2	8.7

Configuration		A Standard Version				
Number of stages		1	2	3	4	5
Reduction	X:1	4	16	64	256	1024
Absolute reduction: (see online)						
Version		Standard				
Flange		Standard flange				
Shaft		Length/flat face				

maxon Modular System		Page
maxon DC motor	**Nº of stages [opt.]**	
DCX 10 S	1–5	87
DCX 10 L	1–5	88

Dimensions   M 2:1
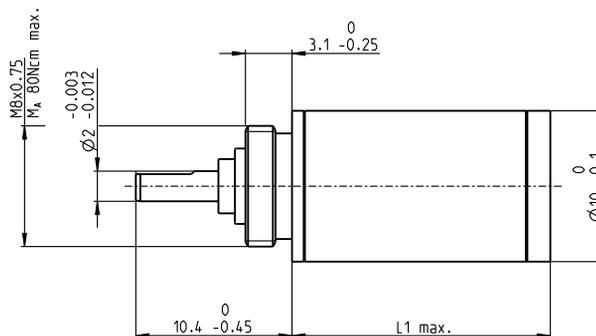
[1]This length may vary depending on the configuration and choice of motor. The effective length is calculated at the end of the configuration process.

gpx.maxongroup.com