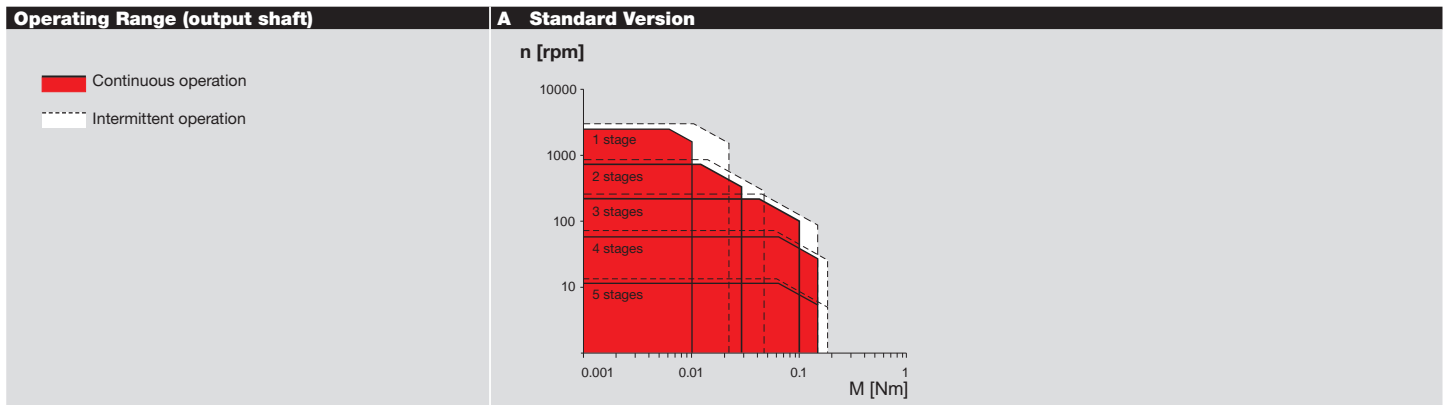


# GPX 10

## Planetary Gearhead Ø10 mm



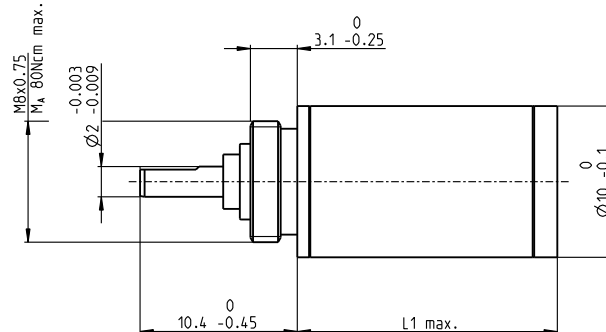
Key Data		A Standard Version	
Max. transmittable power	W	1.6	
Max. continuous torque	Nm	0.15	
Max. continuous input speed	rpm	12000	
Ambient temperature	°C	-15 ... +80	
Bearing at output		Ball bearing	



Specifications		A Standard Version				
		1	2	3	4	5
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	mm	10.4	14.1	17.2	20.4	23.5
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
Version		Standard				
Flange		Standard flange				
Shaft		Length/flat face				

maxon Modular System		Page	Dimensions
maxon DC motor	Number of stages		
DCX 10 S	1-5	64	
DCX 10 L	1-5	65	



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