

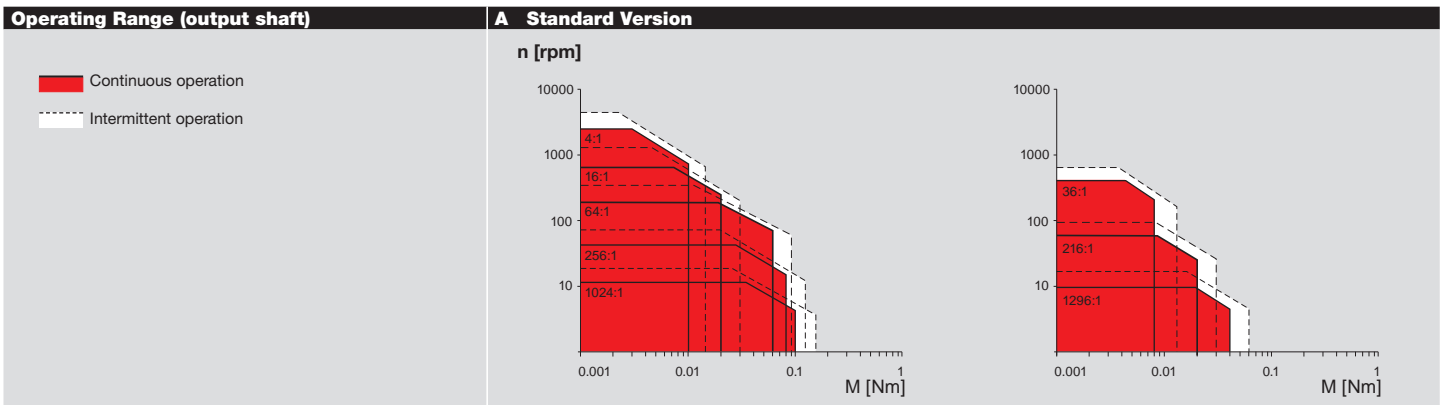
GPX 8

Planetary Gearhead Ø8 mm

NEW



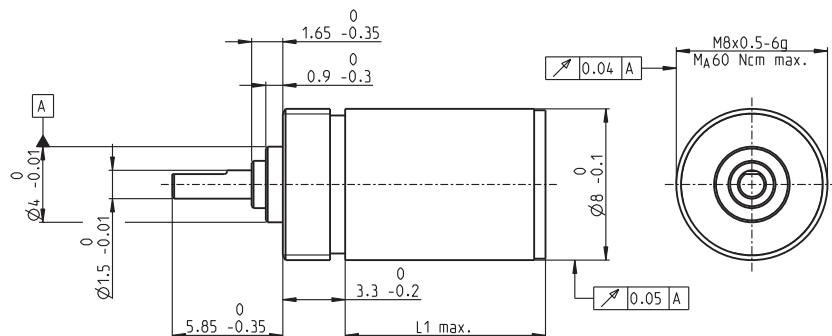
Key Data		A Standard Version
Max. transmittable power	W	0.84
Max. continuous torque	Nm	0.1
Max. continuous input speed	rpm	12000
Ambient temperature	°C	-15 ... +80
Bearing at output		Ball bearing



Specifications	A Standard Version	1	2	2	3	3	4	4	5
Number of stages		1	2	2	3	3	4	4	5
Max. transmittable power (continuous)	W	0.840	0.520	0.140	0.390	0.060	0.130	0.040	0.040
Max. transmittable power (intermittent)	W	1.05	0.650	0.180	0.490	0.080	0.160	0.060	0.050
Max. continuous torque	Nm	0.010	0.020	0.008	0.060	0.020	0.080	0.040	0.100
Max. intermittent torque	Nm	0.015	0.030	0.012	0.090	0.030	0.120	0.060	0.150
Max. continuous input speed	rpm	12000	12000	12000	12000	12000	12000	12000	12000
Max. intermittent input speed	rpm	20000	20000	20000	20000	20000	20000	20000	20000
Max. efficiency	%	90	81	76	73	66	65	57	59
Average backlash no load	°	1.8	2.0	2.4	2.2	2.6	2.5	2.8	2.8
Max. axial load (dynamic)	N	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Max. radial load, 5 mm from flange	N	5	6	6	7	7	8	8	8
Gearhead length L1	mm	5.5	8.1	8.3	10.7	11.1	13.3	13.9	15.9
Weight	g	2.6	3.2	3.2	3.8	3.8	4.4	4.4	5.0

Configuration	A Standard Version	1	2	2	3	3	4	4	5
Number of stages		1	2	2	3	3	4	4	5
Reduction	X:1	4	16	36	64	216	256	1296	1024
Version		Standard							
Flange		Standard flange							
Shaft		Length/flat face							

maxon Modular System	Page	Dimensions
maxon EC motor	Number of stages	
ECX SPEED 8	1-5	94-95



xdrives.maxonmotor.com