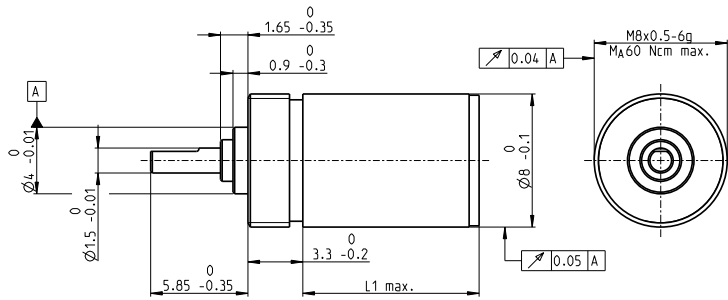


GPX 8 Ø8 mm, planetary gearhead

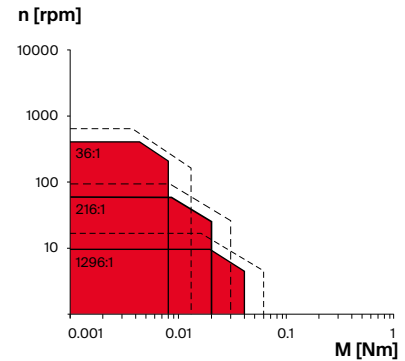
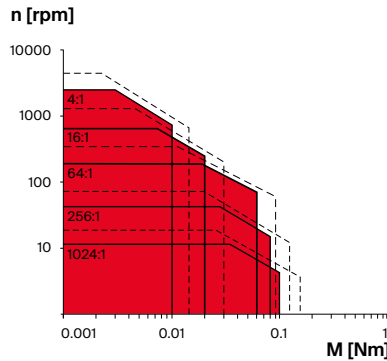


M 1:2

Key data		A Standard version
Max. transmittable power	W	0.84
Max. continuous torque	Nm	0.1
Max. continuous input speed	rpm	12 000
Ambient temperature	°C	-15...+80
Bearing at output		Ball bearing

Operating range (output shaft)		A Standard version
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■ Continuous operation
--- Intermittent operation



Specifications		A Standard version							
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	12 000	12 000	12 000	12 000	12 000	12 000	12 000	12 000
Max. intermittent input speed	rpm	20 000	20 000	20 000	20 000	20 000	20 000	20 000	20 000
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							
Number of stages		1	2	2	3	3	4	4	5
Reduction	X:1	4	16	36	64	216	256	1296	1024
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 8 M	1-5	98	ECX SPEED 8 M	1-5	197-198

¹This length may vary depending on the configuration and choice of motor. The effective length is calculated at the end of the configuration process.