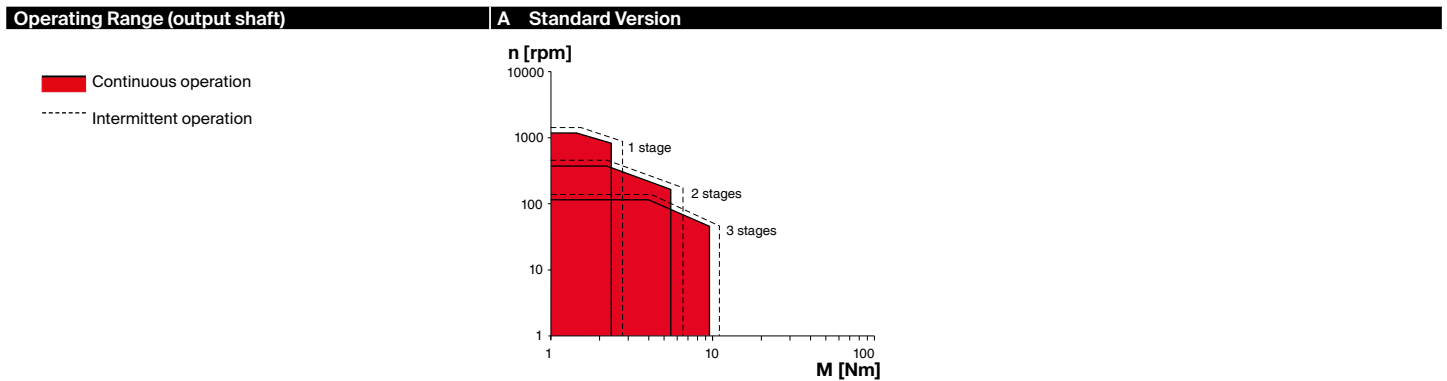


# GPX 37 Ø37 mm, planetary gearhead



GPX

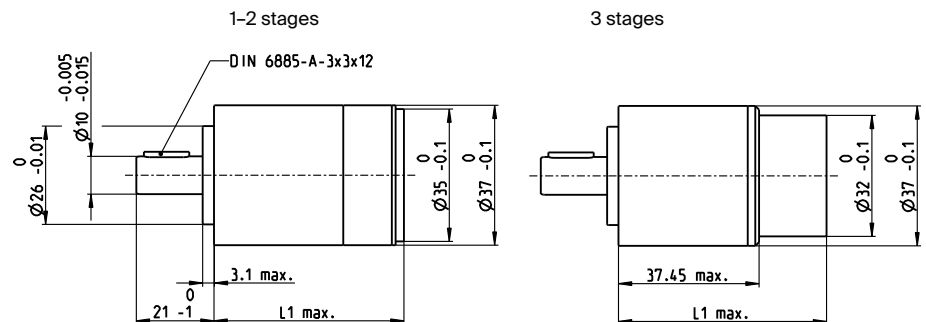
Key Data		A Standard Version	
Max. transmittable power	W	185	
Max. continuous torque	Nm	9.3	
Max. continuous input speed	rpm	7000	
Ambient temperature	°C	-40 ... +100	
Bearing at output		Ball bearing	



Specifications		A Standard Version		
Number of stages		1	2	3
Max. transmittable continuous power	W	185	90	45
Max. transmittable intermittent power	W	230	115	60
Max. continuous torque	Nm	2.30	5.40	9.30
Max. intermittent torque	Nm	2.90	6.80	11.60
Max. continuous input speed	rpm	5000	6000	7000
Max. intermittent input speed	rpm	6250	7500	8750
Max. efficiency	%	90	80	75
Average backlash no load	°	0.5	0.6	0.7
Max. axial load (dynamic)	N	240	240	240
Max. radial load, 10 mm from flange	N	200	250	250
Gearhead length L <sup>1</sup>	mm	35.4	48.3	52.9
Weight	g	230	310	410

Configuration		A Standard Version		
Number of stages		1	2	3
Reduction	X:1	3.9	16, 26	62, 83, 103, 111, 138, 150, 172, 186, 231
Absolute reduction: (see online)				
Version		Standard/noise reduced/reduced backlash		
Flange		Standard flange/configurable flange		
Shaft		Length/flat face/feather key		

maxon Modular System		Page	Dimensions	M 1:2
maxon DC motor	Nº of stages [opt.]			
DCX 32 L	3	105		
DCX 35 L	1-2	106		



<sup>1</sup>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](http://gpx.maxongroup.com)