

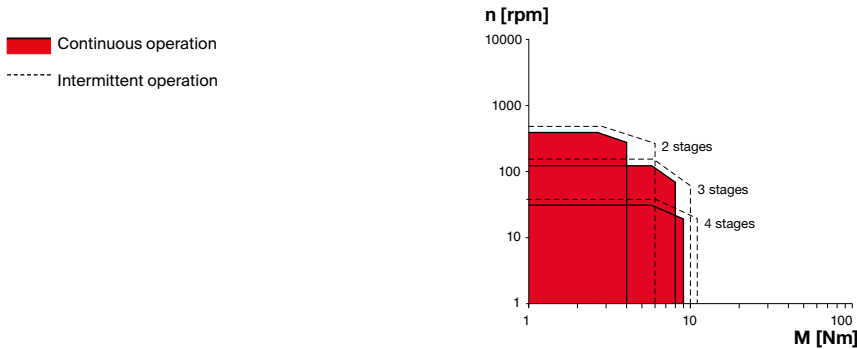
GPX 32 $\varnothing 32$ mm, planetary gearhead



GPX

Key Data		HP High Power
Max. transmittable power	W	110
Max. continuous torque	Nm	9
Max. continuous input speed	rpm	8000
Ambient temperature	°C	-40 ... +100
Bearing at output		Ball bearing

Operating Range (output shaft) HP High Power



Specifications HP High Power

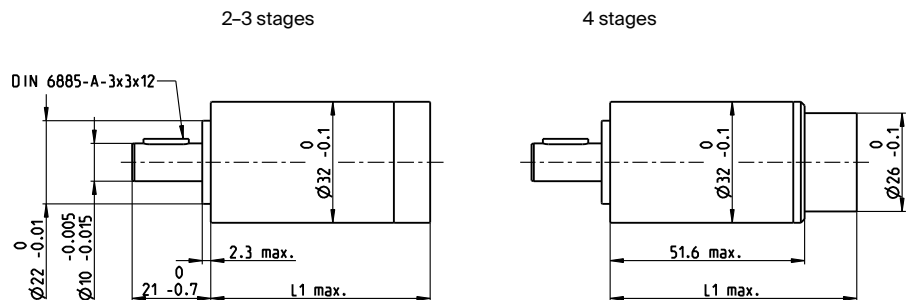
Specifications		2	3	4
Number of stages		2	3	4
Max. transmittable power (continuous)	W	110	55	18
Max. transmittable power (intermittent)	W	140	70	25
Max. continuous torque	Nm	4.00	8.00	9.00
Max. intermittent torque	Nm	6.00	10.00	12.00
Max. continuous input speed	rpm	6000	7000	8000
Max. intermittent input speed	rpm	7500	8750	10000
Max. efficiency	%	76	65	55
Average backlash no load	°	0.7	0.9	1.1
Max. axial load (dynamic)	N	110	110	110
Max. radial load, 10 mm from flange	N	200	250	250
Gearhead length L ¹	mm	46.3	55.9	63.5
Weight	g	200	220	250

Configuration HP High Power

Configuration		2	3	4
Number of stages		2	3	4
Reduction	X:1	16, 21, 26, 28, 35	62, 83, 103, 111, 138, 150, 172, 186, 231	243, 326, 406, 439, 546, 590, 679, 734, 794, 913, 987, 1135, 1227, 1526
Absolute reduction: (see online)				
Version		Standard/ceramic version/noise reduced/backlash reduced/high power/ultra performance		
Flange		Standard flange		
Shaft		Length/flat face/feather key		

maxon Modular System Page Dimensions M 1:2

maxon DC motor	N° of stages [opt.]	Page
DCX 26 L	4	103-104
DCX 32 L	2-3 [4]	105



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

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