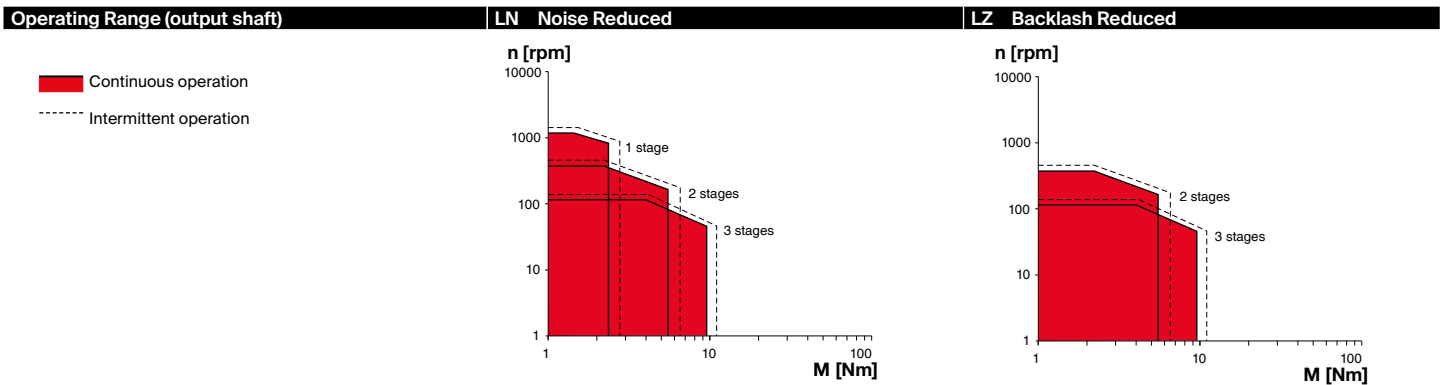


GPX 37 Ø37 mm, planetary gearhead

GPX



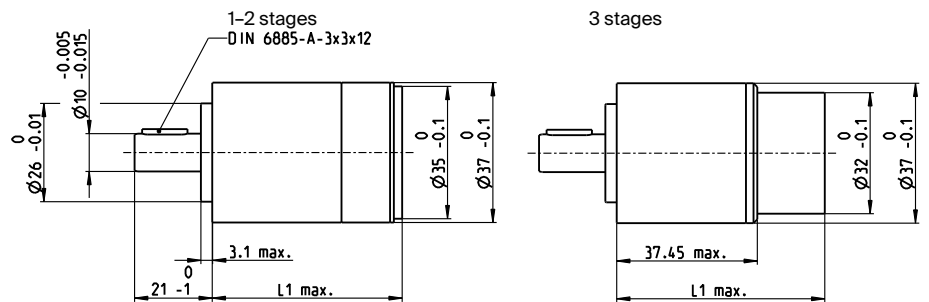
Key Data		LN Noise Reduced	LZ Backlash Reduced
Max. transmittable power	W	150	90
Max. continuous torque	Nm	7.4	9.3
Max. continuous input speed	rpm	7000	7000
Ambient temperature	°C	-40 ... +85	-40 ... +100
Bearing at output		Ball bearing	Ball bearing
Typical noise level	dBA	-5 dBA compared to standard configuration	



Specifications	LN Noise Reduced			LZ Backlash Reduced	
Number of stages	1	2	3	2	3
Max. transmittable continuous power	W	75	37	90	45
Max. transmittable intermittent power	W	185	90	115	60
Max. continuous torque	Nm	1.85	4.30	5.40	9.30
Max. intermittent torque	Nm	2.30	5.40	6.80	11.60
Max. continuous input speed	rpm	5000	6000	7000	7000
Max. intermittent input speed	rpm	6250	7500	8750	8750
Max. efficiency	%	90	80	75	75
Average backlash no load	°	0.5	0.6	0.7	0.4
Max. axial load (dynamic)	N	240	240	240	240
Max. radial load, 10 mm from flange	N	200	250	250	250
Gearhead length L ¹	mm	35.4	48.3	52.9	52.9
Weight	g	230	310	410	310

Configuration	LN Noise Reduced			LZ Backlash Reduced	
Number of stages	1	2	3	2	3
Reduction	X:1	3.9	16, 26	16, 26	62, 83, 103,
Absolute reduction: (see online)			62, 83, 103, 111, 138, 150, 172, 186, 231		111, 138, 150, 172, 186, 231
Version	Standard/noise reduced/backlash reduced				
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	



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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