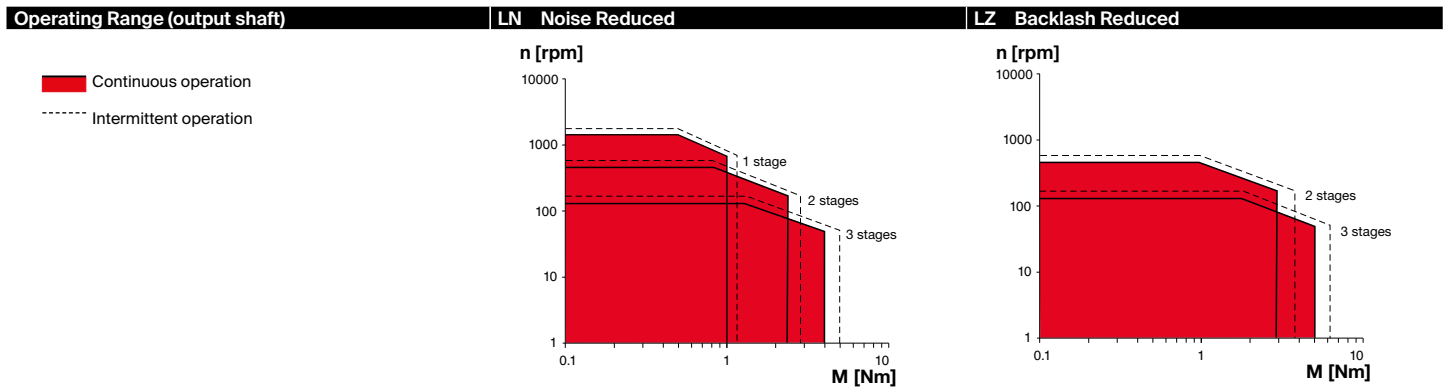


# GPX 32 Ø32 mm, planetary gearhead



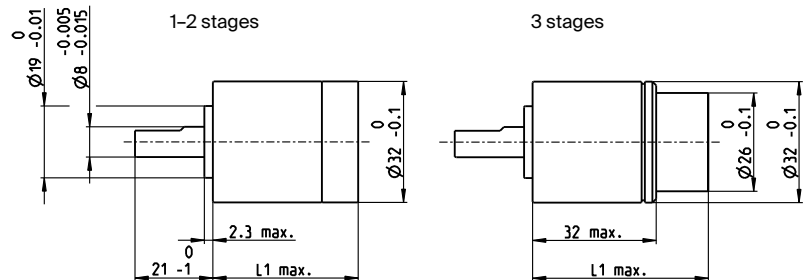
Key Data		LN Noise Reduced	LZ Backlash Reduced
Max. transmittable power	W	80	50
Max. continuous torque	Nm	4	5
Max. continuous input speed	rpm	8000	8000
Ambient temperature	°C	-40 ... +100	-40 ... +100
Bearing at output		Ball bearing	Ball bearing
Typical noise level	dBA	-5 dBA compared to standard configuration	



Specifications	LN Noise Reduced	LZ Backlash Reduced
Number of stages	1      2      3	2      3
Max. transmittable continuous power	W 80      40      20	50      25
Max. transmittable intermittent power	W 100      50      25	62      31
Max. continuous torque	Nm 1.00      2.30      4.00	2.90      5.00
Max. intermittent torque	Nm 1.30      2.90      5.00	3.60      6.25
Max. continuous input speed	rpm 6000      7000      8000	7000      8000
Max. intermittent input speed	rpm 7500      8750      10000	8750      10000
Max. efficiency	% 90      78      75	78      75
Average backlash no load	° 0.55      0.7      0.9	0.55      0.75
Max. axial load (dynamic)	N 110      110      110	110      110
Max. radial load, 10 mm from flange	N 160      180      180	180      180
Gearhead length L1 <sup>1</sup>	mm 26.7      36.3      43.9	36.3      43.9
Weight	g 140      185      230	185      230

Configuration	LN Noise Reduced	LZ Backlash Reduced
Number of stages	1      2      3	2      3
Reduction	X:1 3.9, 5.3      16, 21, 26, 28, 35      62, 83, 103, 111, 138, 150, 172, 186, 231	16, 21, 26, 28, 35      62, 83, 103, 111, 138, 150, 172, 186, 231
Absolute reduction: (see online)		
Version	Standard/ceramic version/noise reduced/backlash reduced/high power/ultra performance	
Flange	Standard flange/configurable flange	
Shaft	Length/flat face/cross hole	

maxon Modular System	Page	Dimensions
maxon DC motor      Nº of stages [opt.]		
DCX 26 L      3	103-104	
DCX 32 L      1-2 [3]	105	
DC-max 26 S*      3	113-114	



\*Limited selection of reduction ratios (see online).

<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.