

GPX 26

Planetary Gearhead Ø26 mm

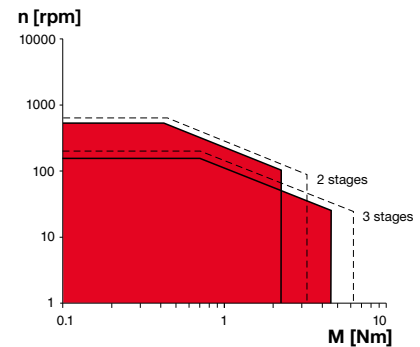
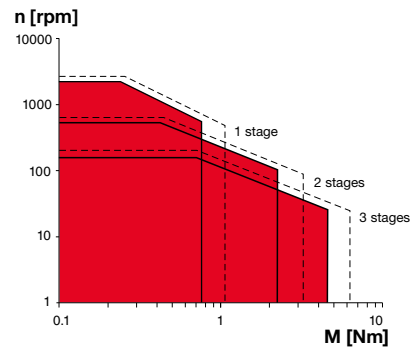


GPX

Key Data		LN Noise Reduced	LZ Backlash Reduced
Max. transmittable power	W	38	24
Max. continuous torque	Nm	1.8	2.3
Max. continuous input speed	rpm	8000	8000
Ambient temperature	°C	-40 ... +85	-40 ... +100
Bearing at output		Ball bearing	Ball bearing
Typical noise level	dBA	-5 dBA compared to standard configuration	

Operating Range (output shaft)	LN Noise Reduced	LZ Backlash Reduced
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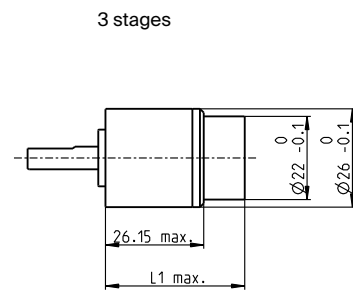
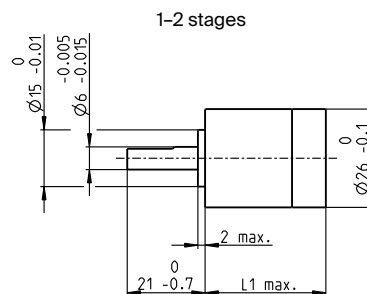
Continuous operation
Intermittent operation



Specifications		LN Noise Reduced			LZ Backlash Reduced		
Number of stages		1	2	3	2	3	
Max. transmittable continuous power	W	38	19	10.0	24	12.0	
Max. transmittable intermittent power	W	48	24	12.0	30	15.0	
Max. continuous torque	Nm	0.60	1.80	3.60	2.25	4.50	
Max. intermittent torque	Nm	0.75	2.25	4.50	3.20	6.20	
Max. continuous input speed	rpm	7000	8000	10000	8000	10000	
Max. intermittent input speed	rpm	8750	10000	12500	10000	12500	
Max. efficiency	%	90	78	75	78	75	
Average backlash no load	°	0.75	0.95	1.1	0.85	0.9	
Max. axial load (dynamic)	N	80	80	80	80	80	
Max. radial load, 10 mm from flange	N	95	145	150	145	150	
Gearhead length L1 ¹	mm	21.3	30.2	35.5	30.2	35.5	
Weight	g	75	95	105	95	105	

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					
Flange		Standard flange/configurable flange					
Shaft		Length/flat face/cross hole					

maxon Modular System		Page	Dimensions	M 1:2
maxon DC motor		Nº of stages [opt.]		
DCX 22 S	3	89-90		
DCX 22 L	3	91-92		
DCX 26 L	1-2 [3]	93-94		
DC-max 22 S*	3	101-102		
DC-max 26 S*	1-2 [3]	103-104		
maxon EC motor		Nº of stages [opt.]		
ECX SPEED 22 M	3	201-202		
ECX SPEED 22 L	3	205-206		
ECX TORQUE 22 M	3	215		
ECX TORQUE 22 L	3	216		
ECX TORQUE 22 XL	3	217		



*Limited selection of reduction ratios
(see online).

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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