GPX 26 ∅26 mm, planetary gearhead

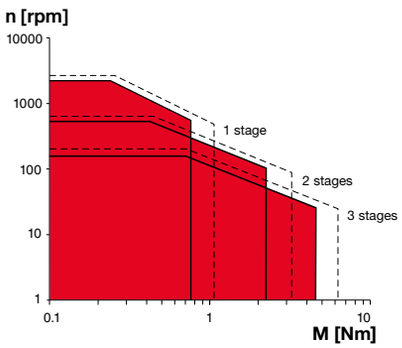
Key Data		LN Noise Reduced	LZ Backlash Reduced
Max. transmittable power	W	38	24
Max. continuous torque	Nm	1.8	2.3
Max. continuous input speed	rpm	8000	8000
Ambient temperature	°C	-40 ... +85	-40 ... +100
Bearing at output		Ball bearing	Ball bearing
Typical noise level	dBA	-5 dBA compared to standard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

Operating Range (output shaft)

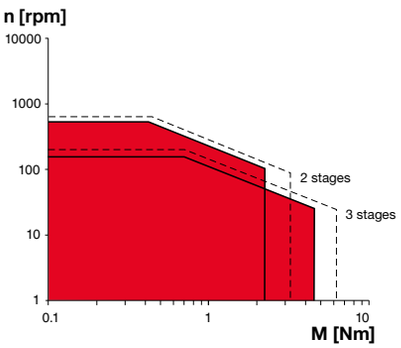
Continuous operation

Intermittent operation

LN Noise Reduced



LZ Backlash Reduced



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

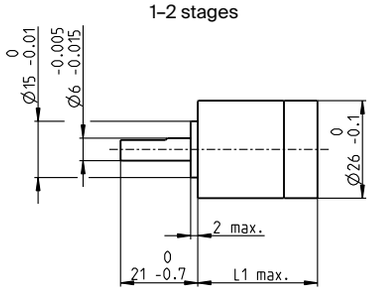
Configuration		LN Noise Reduced			LZ Backlash Reduced	
Number of stages		1	2	3	2	3
Reduction Absolute reduction: (see online)	X:1	3.9, 5.3	16, 21, 26, 28, 35	62, 83, 103, 111, 138, 150, 172, 186, 231	16, 21, 26, 28, 35	62, 83, 103, 111, 138, 150, 172, 186, 231
Version		Standard/ceramic version/noise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

maxon Modular System		Page
maxon DC motor	№ of stages [opt.]	
DCX 22 S	3	99–100
DCX 22 L	3	101–102
DCX 26 L	1–2 [3]	103–104
DC-max 22 S*	3	111–112
DC-max 26 S*	1–2 [3]	113–114
maxon EC motor	№ of stages [opt.]	
ECX SPEED 22 M	3	211–212
ECX SPEED 22 L	3	215–216
ECX TORQUE 22 M	3	225
ECX TORQUE 22 L	3	226
ECX TORQUE 22 XL	3	227

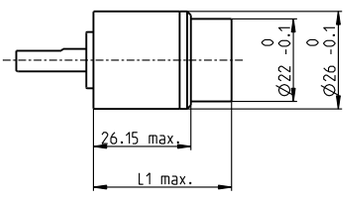
*Limited selection of reduction ratios (see online).

Dimensions M 1:2

1–2 stages



3 stages



[1]This 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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