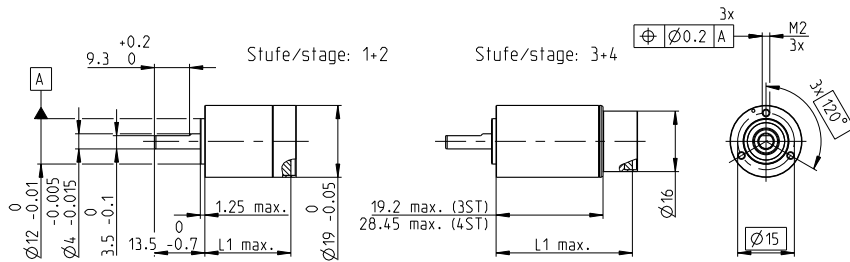


GPX 19 Ø19 mm, planetary gearhead



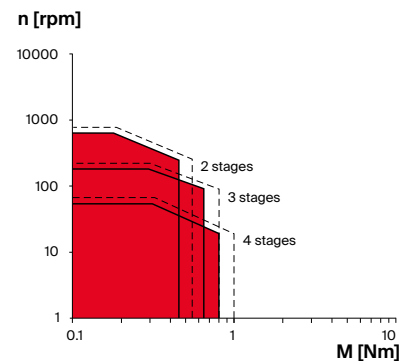
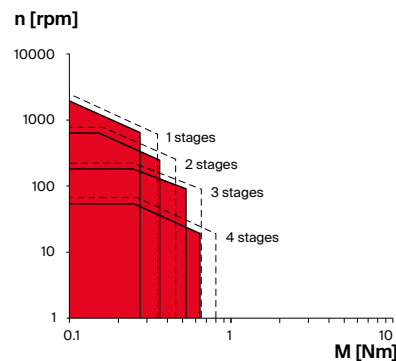
GPX

M 1:2

Key data	LN Noise reduced	LZ Backlash reduced
Max. transmittable power	W 10.4	6.5
Max. continuous torque	Nm 0.64	0.8
Max. continuous input speed	rpm 14 000	14 000
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 4	2 3 4
Max. transmittable continuous power	W 10.4 5.2 2.6 0.7	6.5 3.2 0.9
Max. transmittable intermittent power	W 13.0 6.5 3.2 0.9	8.1 4.1 1.1
Max. continuous torque	Nm 0.28 0.36 0.52 0.64	0.45 0.65 0.80
Max. intermittent torque	Nm 0.35 0.45 0.65 0.80	0.55 0.80 1.00
Max. continuous input speed	rpm 10 000 12 000 14 000 14 000	12 000 14 000 14 000
Max. intermittent input speed	rpm 12 500 15 000 17 500 17 500	15 000 17 500 17 500
Max. efficiency	% 90 80 75 65	80 75 65
Average backlash no load	° 0.9 1.15 1.25 1.35	0.8 1.0 1.15
Max. axial load (dynamic)	N 40 40 40 40	40 40 40
Max. radial load, 5 mm from flange	N 50 80 90 90	80 90 90
Gearhead length L ¹	mm 16.7 22.9 27.0 36.2	22.9 27.0 36.2
Weight	g 30 40 43 55	40 43 55

Configuration	LN Noise reduced	LZ Backlash reduced
Number of stages	1 2 3 4	2 3 4
Reduction	X:1 3.9, 5.3, 6.6 16, 21, 26, 62, 83, 103, 111, 243, 326, 406, 439, 546, 590, 679, 734, 794, 913, 987, 1135, 1227, 1526	16, 21, 26, 62, 83, 103, 111, 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	
Flange	Standard flange/configurable flange	
Shaft	Length/flat face/cross hole	

Modular system	Page	Modular system	Page
DC motor	N° of stages [opt.]	EC motor	N° of stages [opt.]
DCX 16 S	3-4	ECX SPEED 16 M	3-4
DCX 16 L	3-4	ECX SPEED 16 L	3-4
DCX 19 S	1-2 [3-4]	ECX SPEED 19 M	1-2 [3-4]
DC-max 16 S	3-4	ECX SPEED 19 L	1-2 [3-4]
		ECX PRIME 16 M	3-4
		ECX PRIME 16 L	3-4

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