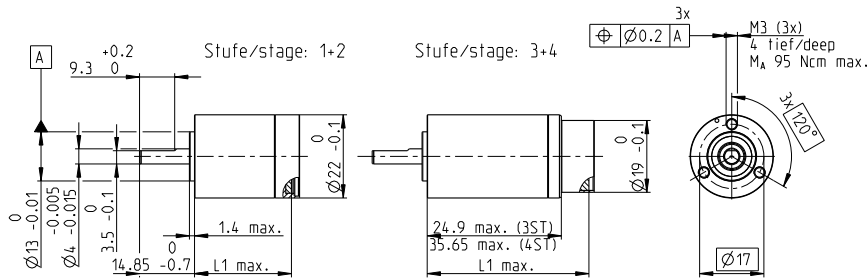


GPX 22 Ø22 mm, planetary gearhead



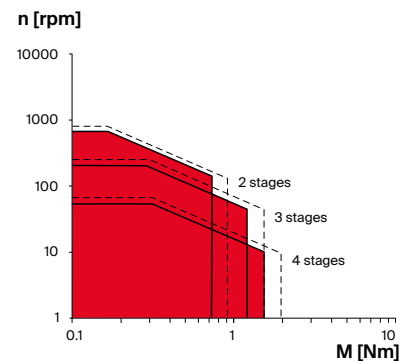
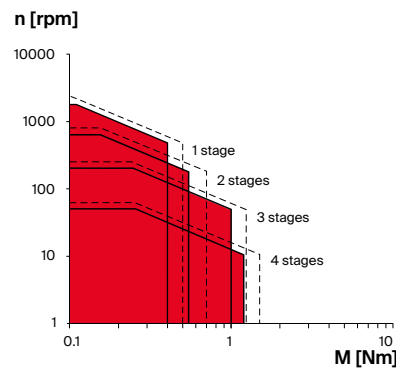
GPX

M 1:2

Key data	LN Noise reduced	LZ Backlash reduced
Max. transmittable power	W 20	12
Max. continuous torque	Nm 1.2	1.5
Max. continuous input speed	rpm 12000	12000
Ambient temperature	°C -40...+85	-40...+100
Bearing at output	Ball bearing	Ball bearing
Typical noise level	dBA -5 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 power (continuous)	W 20.0 10.0 5.0 1.3	12.0 6.0 1.6
Max. transmittable power (intermittent)	W 25.0 13.0 6.3 1.6	15.0 7.5 2.0
Max. continuous torque	Nm 0.40 0.55 1.00 1.20	0.70 1.20 1.50
Max. intermittent torque	Nm 0.50 0.70 1.25 1.50	0.90 1.50 1.90
Max. continuous input speed	rpm 8000 10000 12000 12000	10000 12000 12000
Max. intermittent input speed	rpm 10000 12500 15000 15000	12500 15000 15000
Max. efficiency	% 90 81 74 66	81 74 66
Average backlash no load	° 0.85 1.05 1.20 1.35	0.85 1.05 1.2
Max. axial load (dynamic)	N 40 40 40 40	40 40 40
Max. radial load, 10 mm from flange	N 65 100 120 120	100 120 120
Gearhead length L1'	mm 19.9 26.4 32.2 43.0	26.4 32.2 43.0
Weight	g 45 58 67 89	58 67 89

Configuration	LN	Noise reduced	LZ	Backlash reduced
Number of stages		1234		234
Reduction	X:1	3.9, 5.3, 6.6		16, 21, 26, 28, 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			

Modular system	Page	Modular system	Page	Modular system	Page
DC motor		EC motor		Compact drive	
Nº of stages [opt.]		Nº of stages [opt.]			
DCX 19 S	3-4 109-110	ECX SPEED 19 M	3-4 217-218	ECX FLAT 22 S*	1-2 [3-4] 361
DCX 22 S	1-2 [3-4] 111-112	ECX SPEED 19 L	3-4 221-222	ECX FLAT 22 L*	1-2 [3-4] 362
DCX 22 L	1-2 [3-4] 113-114	ECX SPEED 22 M	1-2 [3-4] 225-226		
DC-max 22 S*	1-2 [3-4] 123-124	ECX SPEED 22 L	1-2 [3-4] 229-230		
		ECX PRIME 22 L*	1-2 239		
		ECX TORQUE 22 M	1-2 243		
		ECX TORQUE 22 L	1-2 244		
		ECX TORQUE 22 XL	1-2 245		
		ECX FLAT 22 S*	1-2 [3-4] 257-258		
		ECX FLAT 22 L*	1-2 [3-4] 259		

*Limited selection of reduction ratios (see online).

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