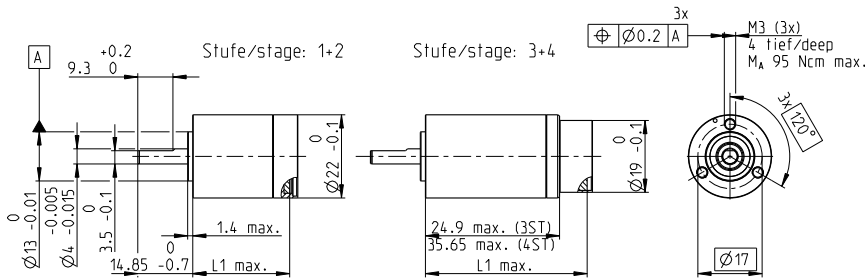


GPX 22 Ø22 mm, planetary gearhead

GPX

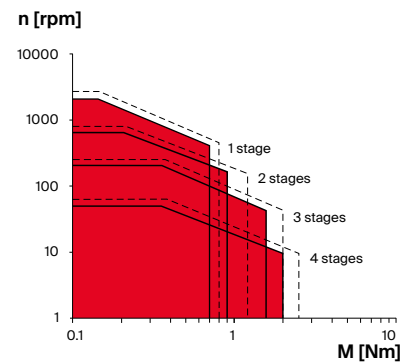
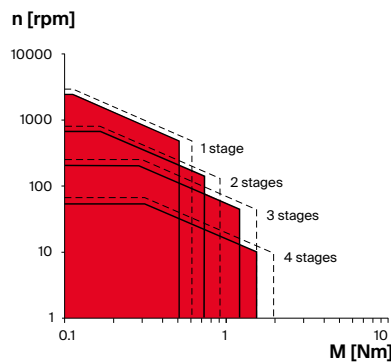


M 1:2

Key data	A Standard version	C Ceramic version
Max. transmittable power	W 24	30
Max. continuous torque	Nm 1.5	2
Max. continuous input speed	rpm 12 000	12 000
Ambient temperature	°C -40...+100	-40...+100
Bearing at output	Ball bearing	Ball bearing

Operating range (output shaft)	A Standard version	C Ceramic version
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Continuous operation
Intermittent operation



Specifications	A Standard version	C Ceramic version
Number of stages	1 2 3 4	1 2 3 4
Max. transmittable power (continuous)	W 24.0 12.0 6.0 1.6	30.0 15.0 7.0 2.0
Max. transmittable power (intermittent)	W 30.0 15.0 7.5 2.0	38.0 19.0 9.0 2.5
Max. continuous torque	Nm 0.50 0.70 1.20 1.50	0.70 0.90 1.60 2.00
Max. intermittent torque	Nm 0.60 0.90 1.50 1.90	0.80 1.20 2.00 2.50
Max. continuous input speed	rpm 8000 10 000 12 000 12 000	8000 10 000 12 000 12 000
Max. intermittent input speed	rpm 10 000 12 500 15 000 15 000	10 000 12 500 15 000 15 000
Max. efficiency	% 90 81 74 66	90 81 74 66
Average backlash no load	° 0.85 1.05 1.2 1.35	0.85 1.05 1.2 1.35
Max. axial load (dynamic)	N 40 40 40 40	40 40 40 40
Max. radial load, 10 mm from flange	N 65 100 120 120	65 100 120 120
Gearhead length L1'	mm 19.9 26.4 32.2 43.0	19.9 26.4 32.2 43.0
Weight	g 45 58 67 89	45 58 67 89

Configuration	A Standard version	C Ceramic version
Number of stages	1 2 3 4	1 2 3 4
Reduction	X:1 3.9, 5.3, 6.6 16, 21, 26, 28, 35, 44 62, 83, 103, 111, 138, 150, 172, 186, 231 243, 326, 406, 439, 546, 590, 679, 734, 794, 913, 987, 1135, 1227, 1526	3.9, 5.3, 6.6 16, 21, 26, 28, 35, 44 62, 83, 103, 111, 138, 150, 172, 186, 231 243, 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/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	
DCX 19 S	Nº of stages [opt.] 3-4 109-110	ECX SPEED 19 M	Nº of stages [opt.] 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.