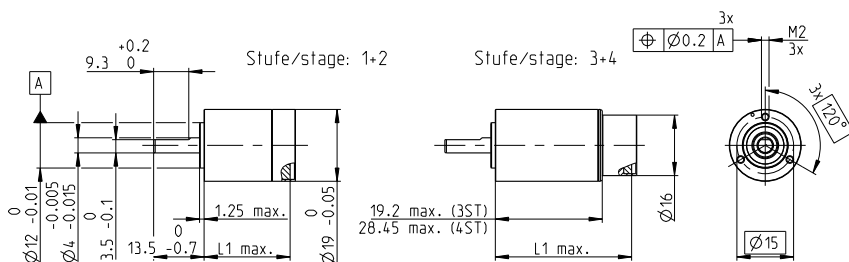


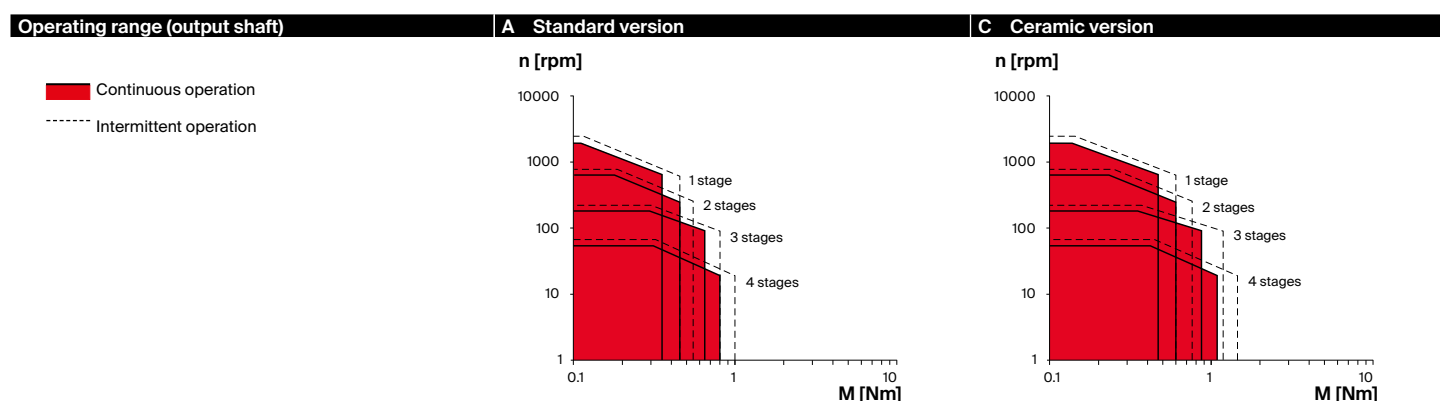
GPX 19 Ø19 mm, planetary gearhead

GPX



M 1:2

Key data	A Standard version	C Ceramic version
Max. transmittable power	W 13	15.5
Max. continuous torque	Nm 0.8	1.1
Max. continuous input speed	rpm 14 000	14 000
Ambient temperature	°C -40...+100	-40...+100
Bearing at output	Ball bearing	Ball bearing



Specifications	A Standard version	C Ceramic version
Number of stages	1 2 3 4	1 2 3 4
Max. transmittable continuous power	W 13.0 6.5 3.2 0.9	15.5 7.8 3.9 1.0
Max. transmittable intermittent power	W 16.2 8.1 4.1 1.1	19.4 9.7 4.9 1.3
Max. continuous torque	Nm 0.35 0.45 0.65 0.80	0.47 0.60 0.86 1.05
Max. intermittent torque	Nm 0.45 0.55 0.80 1.00	0.60 0.75 1.10 1.30
Max. continuous input speed	rpm 10 000 12 000 14 000 14 000	10 000 12 000 14 000 14 000
Max. intermittent input speed	rpm 12 500 15 000 17 500 17 500	12 500 15 000 17 500 17 500
Max. efficiency	% 90 80 75 65	90 80 75 65
Average backlash no load	° 0.9 1.15 1.25 1.35	0.9 1.15 1.25 1.35
Max. axial load (dynamic)	N 40 40 40 40	40 40 40 40
Max. radial load, 5 mm from flange	N 50 80 90 90	50 80 90 90
Gearhead length L ¹	mm 16.7 22.9 27.0 36.2	16.7 22.9 27.0 36.2
Weight	g 30 40 43 55	30 40 43 55

Configuration	A Standard version				C Ceramic version				
Number of stages	1234				1234				
Reduction	X:1	3.9, 5.3, 6.6	16, 21, 26, 28, 35	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	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								
Flange	Standard flange/configurable flange								
Shaft	Length/flat face/cross hole								

Modular system	Page	Modular system	Page
DC motor		EC motor	
DCX 16 S	Nº of stages [opt.] 3-4 105-106	ECX SPEED 16 M	Nº of stages [opt.] 3-4 209-210
DCX 16 L	3-4 107-108	ECX SPEED 16 L	3-4 213-214
DCX 19 S	1-2 [3-4] 109-110	ECX SPEED 19 M	1-2 [3-4] 217-218
DC-max 16 S	3-4 121-122	ECX SPEED 19 L	1-2 [3-4] 221-222
		ECX PRIME 16 M	3-4 236
		ECX PRIME 16 L	3-4 237

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