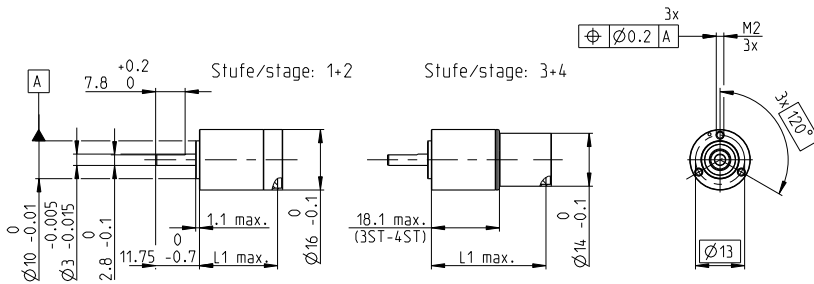


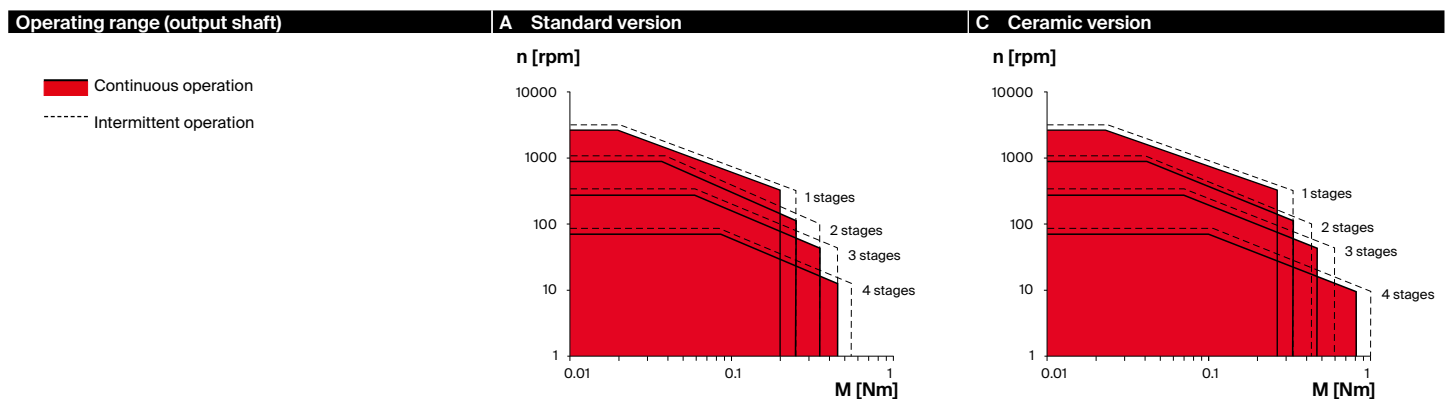
GPX 16 Ø16 mm, planetary gearhead

GPX



M 1:2

Key data	A Standard version	C Ceramic version
Max. transmittable power	W 6.5	7.8
Max. continuous torque	Nm 0.45	0.6
Max. continuous input speed	rpm 16000	16000
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 6.5 3.2 1.6 0.60	7.8 3.8 1.9 0.7
Max. transmittable intermittent power	W 8.0 4.0 2.0 0.75	10.0 5.0 2.5 1.0
Max. continuous torque	Nm 0.20 0.25 0.35 0.45	0.27 0.33 0.42 0.58
Max. intermittent torque	Nm 0.25 0.35 0.45 0.55	0.33 0.42 0.58 0.75
Max. continuous input speed	rpm 12000 14000 16000 16000	12000 14000 16000 16000
Max. intermittent input speed	rpm 15000 17500 20000 20000	15000 17500 20000 20000
Max. efficiency	% 90 80 75 65	90 80 75 65
Average backlash no load	° 1.0 1.2 1.3 1.4	1.0 1.2 1.3 1.4
Max. axial load (dynamic)	N 20 20 20 20	20 20 20 20
Max. radial load, 5 mm from flange	N 30 45 70 70	30 45 70 70
Gearhead length L ¹	mm 15.8 20.7 25.7 30.6	15.8 20.7 25.7 30.6
Weight	g 20 25 27 31	20 25 27 31

Configuration	A Standard version				C Ceramic version				
Number of stages	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/reduced backlash/high power								
Flange	Standard flange/configurable flange								
Shaft	Length/flat face								

Modular system	Page	Modular system	Page
DC motor	Nº of stages [opt.]	EC motor	Nº of stages [opt.]
DCX 14 L	3-4	ECX SPEED 13 M	3-4
DCX 16 S	1-2 [3-4]	ECX SPEED 13 L	3-4
DCX 16 L	1-2 [3-4]	ECX SPEED 16 M	1-2 [3-4]
DC-max 16 S*	1-2 [3-4]	ECX SPEED 16 L	1-2 [3-4]
		ECX PRIME 16 M*	1-2
		ECX PRIME 16 L*	1-2

*Limited selection of reduction ratios (see online).

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