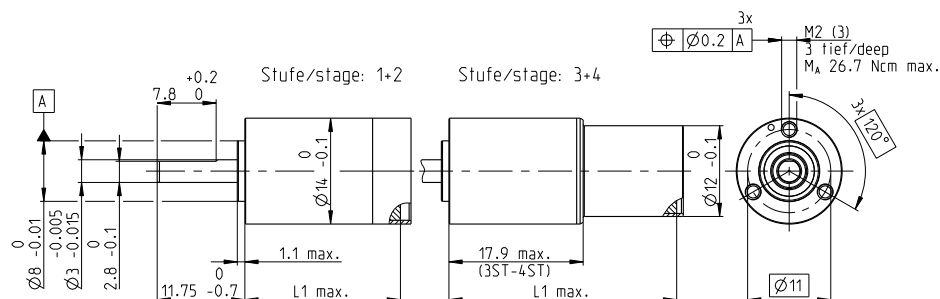


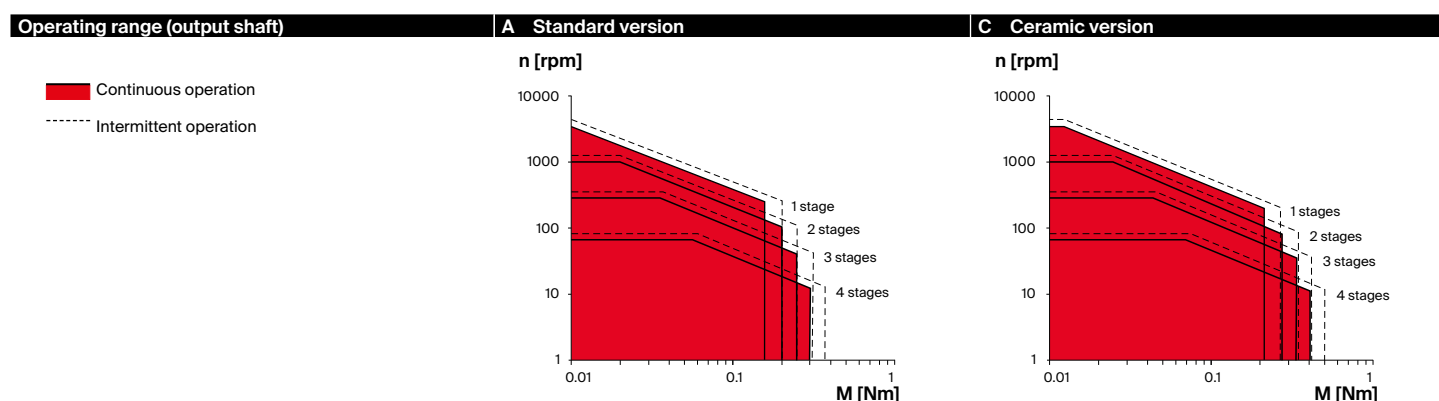
GPX 14 Ø14 mm, planetary gearhead

GPX



M 1:1

Key data	A Standard version	C Ceramic version
Max. transmittable power	W 4	4.8
Max. continuous torque	Nm 0.3	0.4
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 4.0 2.0 1.0 0.4	4.8 2.4 1.2 0.5
Max. transmittable intermittent power	W 5.0 2.5 1.25 0.5	6.0 3.0 1.50 0.6
Max. continuous torque	Nm 0.16 0.20 0.25 0.30	0.21 0.27 0.33 0.40
Max. intermittent torque	Nm 0.20 0.25 0.31 0.38	0.26 0.34 0.41 0.50
Max. continuous input speed	rpm 14000 16000 16000 16000	14000 16000 16000 16000
Max. intermittent input speed	rpm 17500 20000 20000 20000	17500 20000 20000 20000
Max. efficiency	% 90 80 75 65	90 80 75 65
Average backlash no load	° 1.1 1.3 1.45 1.7	1.1 1.3 1.45 1.7
Max. axial load (dynamic)	N 20 20 20 20	20 20 20 20
Max. radial load, 5 mm from flange	N 30 45 60 60	30 45 60 60
Gearhead length L1 ¹	mm 15.7 20.8 25.5 30.3	15.7 20.8 25.5 30.3
Weight	g 14 19 21 23	14 19 21 23

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								

Modular system	Page	Modular system	Page
DC motor		EC motor	
DCX 12 S	Nº of stages [opt.] 3-4 101	ECX SPEED 13 M	Nº of stages [opt.] 1-2 [3-4] 201-202
DCX 12 L	3-4 102	ECX SPEED 13 L	1-2 [3-4] 205-206
DCX 14 L	1-2 [3-4] 103-104		

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