

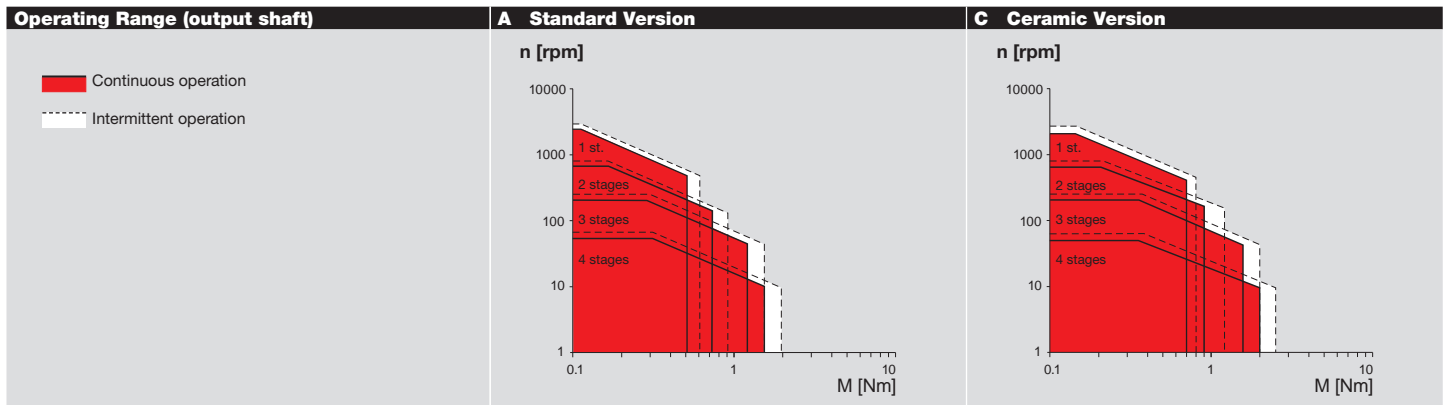
GPX 22

Planetary Gearhead Ø22 mm

NEW



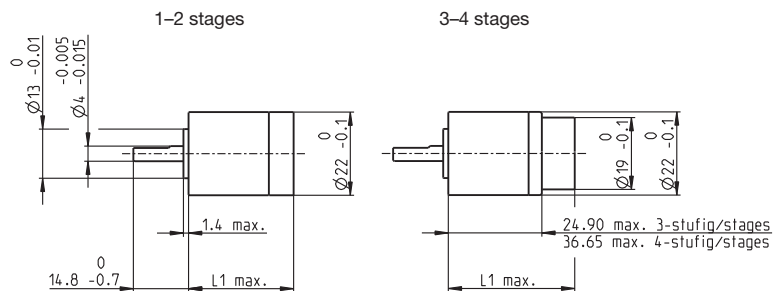
Key Data	A Standard Version	C Ceramic Version
Max. transmittable power	W 24	30
Max. continuous torque	Nm 1.5	2
Max. continuous input speed	rpm 12000	12000
Ambient temperature	°C -40 ... +100	-40 ... +100
Bearing at output	Ball bearing	Ball bearing



Specifications	A Standard Version	C Ceramic Version
Number of stages	1 2 3 4	1 2 3 4
Max. transmittable 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 10000 12000 12000	8000 10000 12000 12000
Max. intermittent input speed	rpm 10000 12500 15000 15000	10000 12500 15000 15000
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	
Version	Standard/ceramic version/noise reduced/backlash reduced/high power		
Flange	Standard flange/configurable flange		
Shaft	Length/flat face/cross hole		

maxon Modular System	Page	Dimensions
maxon DC motor	Number of stages	
DCX 19 S	3-4	74-75
DCX 22 S	1-2	76-77
DCX 22 L	1-2	78-79
DC-max 22 S	1-2	88-89



xdrives.maxonmotor.com