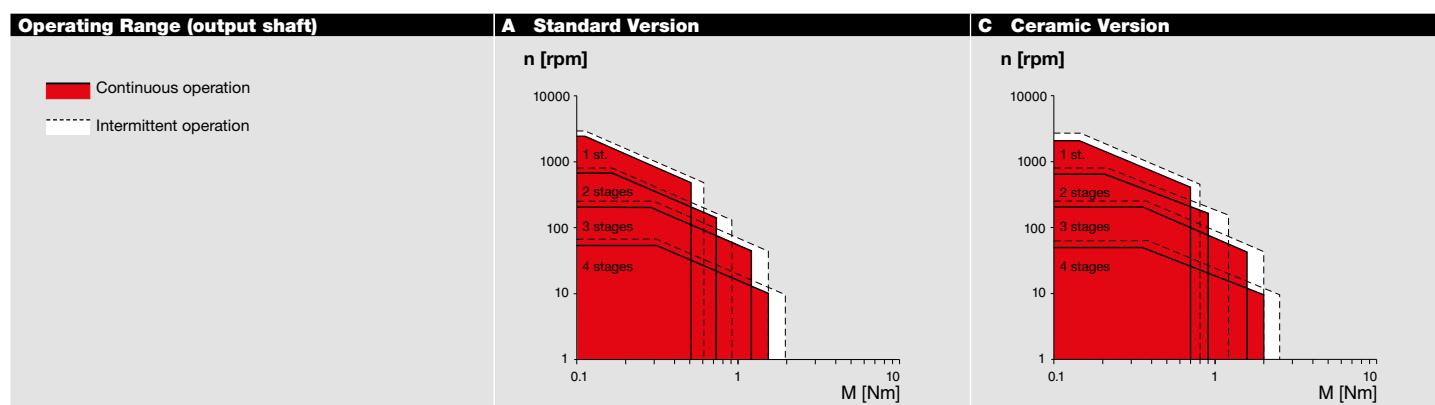


GPX 22

Planetary Gearhead Ø22 mm



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



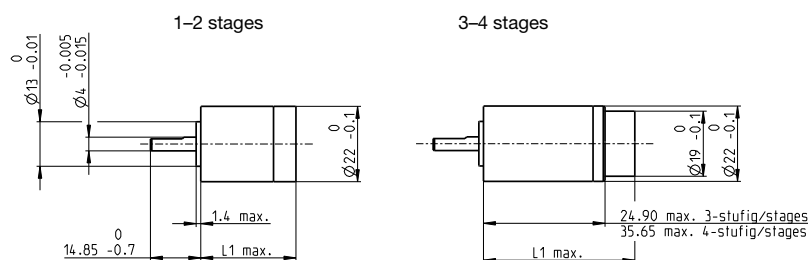
Specifications		A Standard Version				C Ceramic Version			
Number of stages		1	2	3	4	1	2	3	4
Max. transmittable power (continuous)	W	24.0	12.0	6.0	1.6	30.0	15.0	7.0	2.0
Max. transmittable power (intermittent)	W	30.0	15.0	7.5	2.0	38.0	19.0	9.0	2.5
Max. continuous torque	Nm	0.50	0.70	1.20	1.50	0.70	0.90	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
maxon DC motor	N _e of stages [opt.]	
DCX 19 S	3-4	78-79
DCX 22 S	1-2 [3-4]	80-81
DCX 22 L	1-2 [3-4]	82-83
DC-max 22 S*	1-2 [3-4]	92-93

maxon EC motor	N _e of stages [opt.]	
ECX SPEED 22 M	1-2 [3-4]	194-195
ECX SPEED 22 L	1-2 [3-4]	198-199

Dimensions M 1:2



xdrives.maxonmotor.com