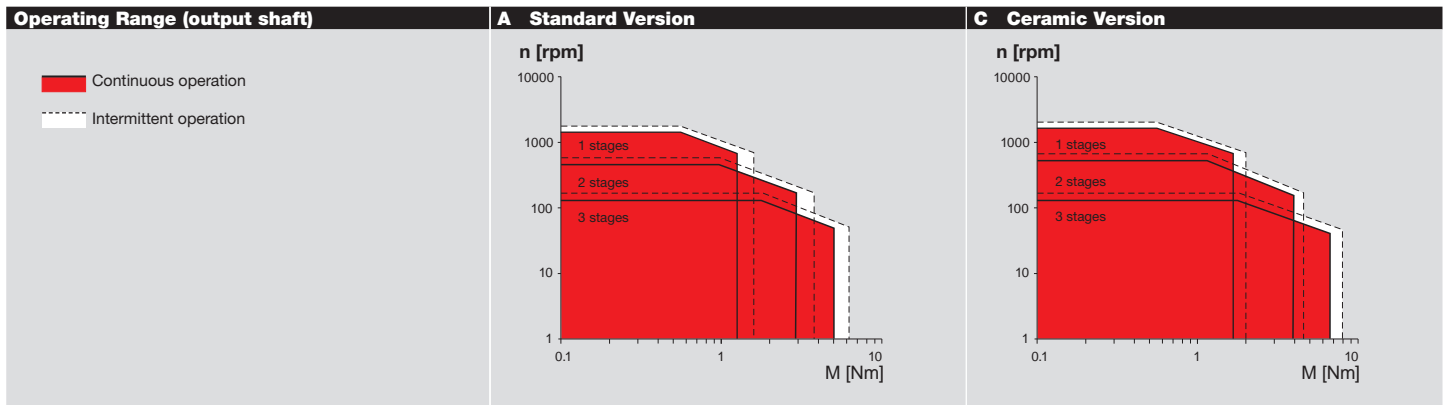


# GPX 32

## Planetary Gearhead Ø32 mm



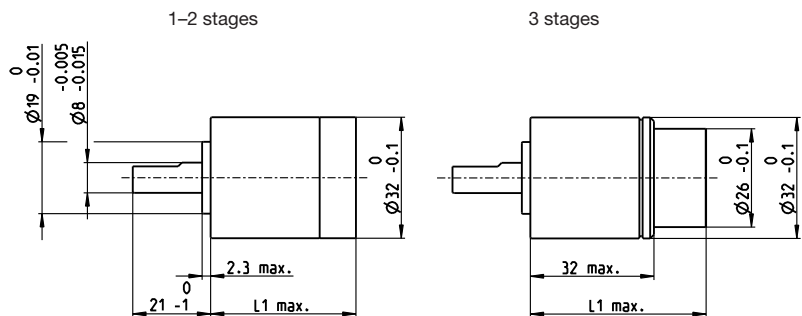
Key Data	A Standard Version	C Ceramic Version
Max. transmittable power	W 100	120
Max. continuous torque	Nm 5	6.6
Max. continuous input speed	rpm 8000	8000
Ambient temperature	°C -40 ... +100	-40 ... +100
Bearing at output	Ball bearing	Ball bearing



Specifications	A Standard Version			C Ceramic Version		
	1	2	3	1	2	3
Number of stages	1	2	3	1	2	3
Max. transmittable continuous power	W 100	50	25	120	60	30
Max. transmittable intermittent power	W 125	62	31	150	75	37
Max. continuous torque	Nm 1.25	2.90	5.00	1.60	3.80	6.60
Max. intermittent torque	Nm 1.60	3.60	6.25	2.00	4.50	8.00
Max. continuous input speed	rpm 6000	7000	8000	6000	7000	8000
Max. intermittent input speed	rpm 7500	8750	10000	7500	8750	10000
Max. efficiency	% 90	78	75	90	78	75
Average backlash no load	° 0.55	0.7	0.9	0.55	0.7	0.9
Max. axial load (dynamic)	N 110	110	110	110	110	110
Max. radial load, 10 mm from flange	N 160	180	180	160	180	180
Gearhead length L1	mm 26.7	36.3	43.9	26.7	36.3	43.9
Weight	g 140	185	230	140	185	230

Configuration	A Standard Version			C Ceramic Version		
	1	2	3	1	2	3
Number of stages	1	2	3	1	2	3
Reduction	X:1 3.9, 5.3	16, 21, 26, 28, 35	62, 83, 103, 111, 138, 150, 172, 186, 231	3.9, 5.3	16, 21, 26, 28, 35	62, 83, 103, 111, 138, 150, 172, 186, 231
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 26 L	3	80-81
DCX 32 L	1-2	82
DC-max 26 S	3	90-91



xdrives.maxonmotor.com