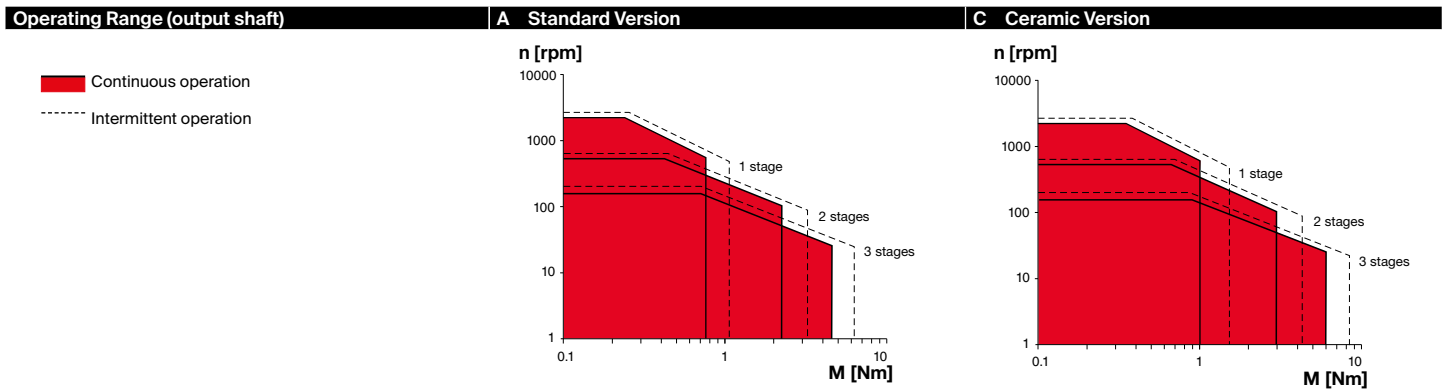


GPX 26 Ø26 mm, planetary gearhead

GPX



Key Data	A Standard Version	C Ceramic Version
Max. transmittable power	W 48	55
Max. continuous torque	Nm 2.25	3.0
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		
Number of stages	1	2	3	1	2	3
Max. transmittable continuous power	W 48	24	12.0	55	30	15.0
Max. transmittable intermittent power	W 60	30	15.0	70	35	18.0
Max. continuous torque	Nm 0.75	2.25	4.50	1.00	2.60	5.00
Max. intermittent torque	Nm 1.10	3.20	6.20	1.50	3.40	6.30
Max. continuous input speed	rpm 7000	8000	10000	7000	8000	10000
Max. intermittent input speed	rpm 8750	10000	12500	8750	10000	12500
Max. efficiency	% 90	78	75	90	78	75
Average backlash no load	° 0.75	0.95	1.1	0.75	0.95	1.1
Max. axial load (dynamic)	N 80	80	80	80	80	80
Max. radial load, 10 mm from flange	N 95	145	150	95	145	150
Gearhead length L ¹	mm 21.3	30.2	35.5	21.3	30.2	35.5
Weight	g 75	95	105	75	95	105

Configuration	A Standard Version			C Ceramic Version		
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
Absolute reduction: (see online)						
Version	Standard/ceramic version/noise reduced/reduced backlash					
Flange	Standard flange/configurable flange					
Shaft	Length/flat face/cross hole					

maxon Modular System	Page	Dimensions	M 1:2
maxon DC motor Nº of stages [opt.]			
DCX 22 S	3 99-100		
DCX 22 L	3 101-102		
DCX 26 L	1-2 [3] 103-104		
DC-max 22 S*	3 111-112		
DC-max 26 S*	1-2 [3] 113-114		
maxon EC motor Nº of stages [opt.]			
ECX SPEED 22 M	3 211-212		
ECX SPEED 22 L	3 215-216		
ECX TORQUE 22 M	3 225		
ECX TORQUE 22 L	3 226		
ECX TORQUE 22 XL	3 227		

1-2 stages

3 stages

*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.

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