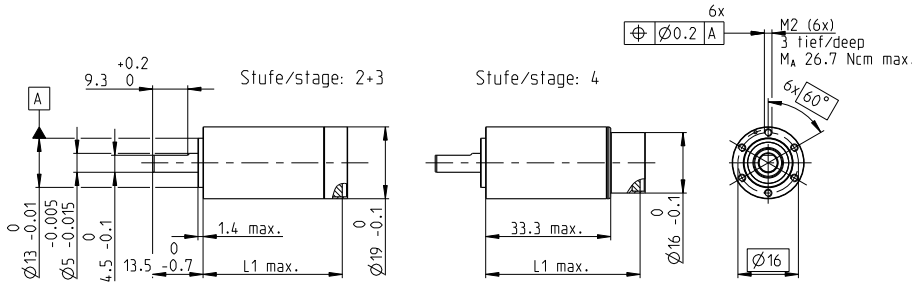


GPX 19 Ø19 mm, planetary gearhead

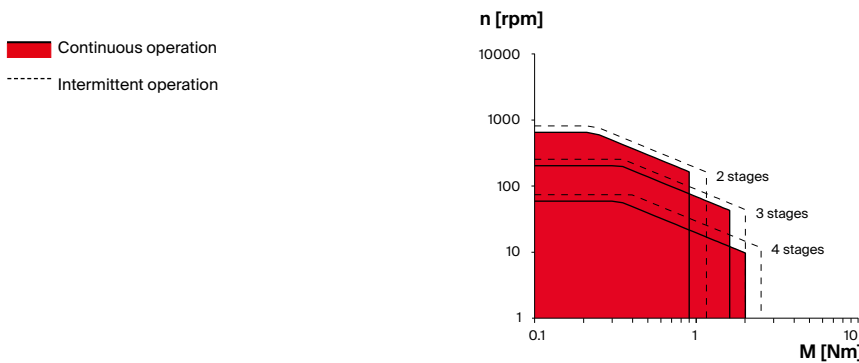
GPX



M 1:2

Key data		HP High Power
Max. transmittable power	W	15
Max. continuous torque	Nm	2
Max. continuous input speed	rpm	14 000
Ambient temperature	°C	-40...+100
Bearing at output		Ball bearing

Operating range (output shaft)



Specifications		HP High Power	2	3	4
Number of stages			2	3	4
Max. transmittable power (continuous)	W		15.0	7.0	2.0
Max. transmittable power (intermittent)	W		19.0	9.0	3.0
Max. continuous torque	Nm		0.90	1.60	2.00
Max. intermittent torque	Nm		1.15	2.00	2.50
Max. continuous input speed	rpm		10 000	12 000	14 000
Max. intermittent input speed	rpm		12 500	15 000	17 500
Max. efficiency	%		75	65	55
Average backlash no load	°		1.15	1.25	1.35
Max. axial load (dynamic)	N		40	40	40
Max. radial load, 5 mm from flange	N		100	120	120
Gearhead length L1 ¹	mm		30.8	37.0	41.0
Weight	g		51	61	63

Configuration		HP High Power	2	3	4
Number of stages			2	3	4
Reduction	X:1		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			
Shaft		Length/flat face/cross hole			

Modular system		Page	Page	
DC motor	Nº of stages [opt.]		EC motor	Nº of stages [opt.]
DCX 16 S	4	105-106	ECX SPEED 16 M	4
DCX 16 L	4	107-108	ECX SPEED 16 L	4
DCX 19 S	2-3 [4]	109-110	ECX SPEED 19 M	2-3 [4]
			ECX SPEED 19 L	2-3 [4]
			ECX PRIME 16 M	4
			ECX PRIME 16 L	4

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