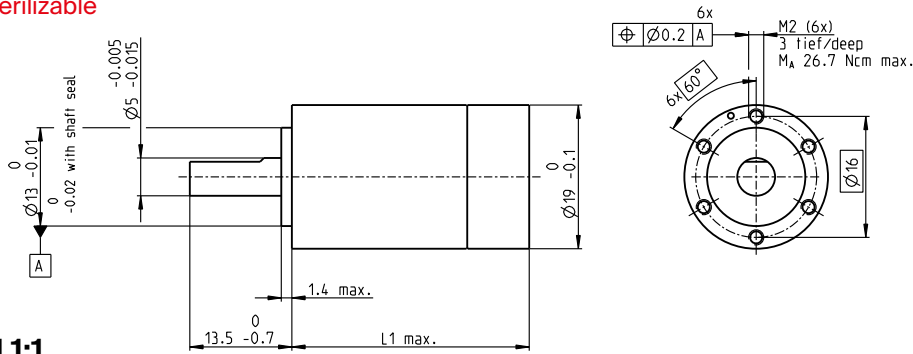


GPX 19 SPEED Ø19 mm, planetary gearhead

Sterilizable



GPX

M 1:1

Key data	Without shaft seal*	With shaft seal*
Max. transmittable power	W 62 (10.4)	62 (10.4)
Max. continuous torque	Nm 0.2 (0.36)	0.2 (0.36)
Max. continuous input speed	rpm 45 000	45 000
Ambient temperature	°C -10...+135	-10...+135
Bearing at output	Ball bearing	Ball bearing

Operating range (output shaft)	Without shaft seal	With shaft seal
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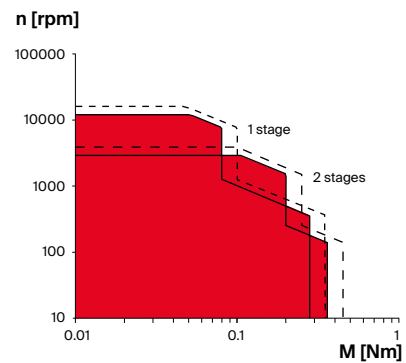
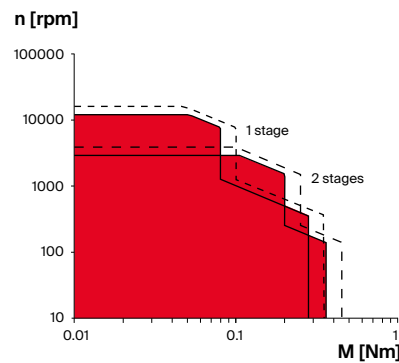
Continuous operation
Intermittent operation

Sterilization information

Without shaft seal: typically 1000 autoclave cycles
With shaft seal: typically 2000 autoclave cycles

Sterilization with steam

Temperature 134 °C ±4 °C
Compression pressure up to 2.3 bar
Rel. humidity 100%
Cycle length 18 minutes



Specifications	Without shaft seal*	With shaft seal*
Number of stages	1 2	1 2
Max. transmittable continuous power	W 62 (10.4) 31 (5.2)	62 (10.4) 31 (5.2)
Max. transmittable intermittent power	W 77 (13) 38 (6.5)	77 (13) 38 (6.5)
Max. continuous torque	Nm 0.08 (0.28) 0.2 (0.36)	0.08 (0.28) 0.2 (0.36)
Max. intermittent torque	Nm 0.1 (0.35) 0.25 (0.45)	0.1 (0.35) 0.25 (0.45)
Max. continuous input speed	rpm 45 000 45 000	45 000 45 000
Max. intermittent input speed	rpm 60 000 60 000	60 000 60 000
Max. efficiency	% 85 80	85 80
Average backlash no load	° 1.4 1.6	1.4 1.6
Max. axial load (dynamic)	N 40.0 40.0	40.0 40.0
Max. radial load, 5 mm from flange	N 50.0 85.0	35.0 55.0
Gearhead length L ¹	mm 31.4 40.3	39.20 48.10
Weight	g 41 54	56 69

Configuration	Without shaft seal	With shaft seal
Number of stages	1 2	1 2
Reduction	X:1 3.9, 5.3, 6.6 16, 21, 26, 28, 35, 44	3.9, 5.3, 6.6 16, 21, 26, 28, 35, 44
Absolute reduction: (see online)		

Version	Without shaft seal/With shaft seal
Flange	Standard flange
Shaft	Length/flat face/cross hole

Modular system	Page
EC motor	N° of stages [opt.]
ECX SPEED 16 M	[3] 209-212
ECX SPEED 16 L	[3] 213-216
ECX SPEED 19 M	1-2 217-220
ECX SPEED 19 L	1-2 221-224

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

*Values in parentheses apply in case of reduced speed (according to diagram).