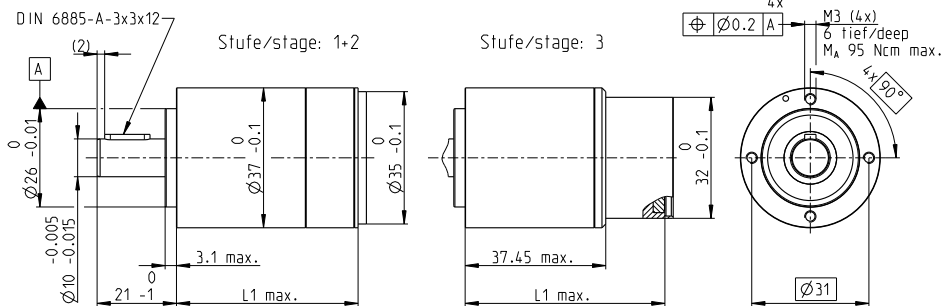


GPX 37 Ø37 mm, planetary gearhead

GPX

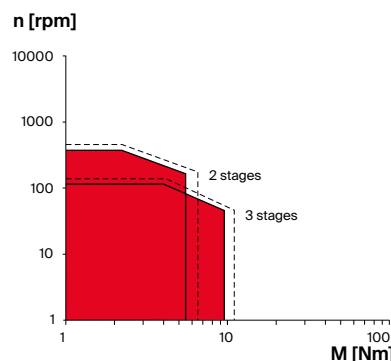
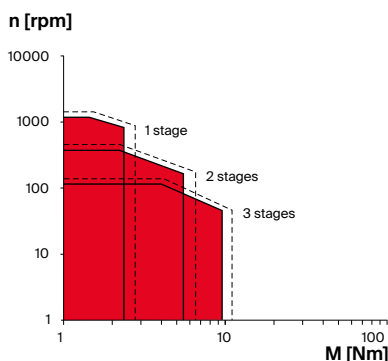


M 1:2

Key data	LN Noise reduced	LZ Backlash reduced
Max. transmittable power	W 150	90
Max. continuous torque	Nm 7.4	9.3
Max. continuous input speed	rpm 7000	7000
Ambient temperature	°C -40...+85	-40...+100
Bearing at output	Ball bearing	Ball bearing
Typical noise level	dBA -5 dBA compared to standard configuration	

Operating range (output shaft)	LN Noise reduced	LZ Backlash reduced
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Continuous operation
Intermittent operation



Specifications	LN Noise reduced	LZ Backlash reduced
Number of stages	1 2 3	2 3
Max. transmittable continuous power	W 150 75 37	90 45
Max. transmittable intermittent power	W 185 90 45	115 60
Max. continuous torque	Nm 1.85 4.30 7.40	5.40 9.30
Max. intermittent torque	Nm 2.30 5.40 9.20	6.80 11.60
Max. continuous input speed	rpm 5000 6000 7000	6000 7000
Max. intermittent input speed	rpm 6250 7500 8750	7500 8750
Max. efficiency	% 90 80 75	80 75
Average backlash no load	° 0.5 0.6 0.7	0.4 0.5
Max. axial load (dynamic)	N 240 240 240	240 240
Max. radial load, 10 mm from flange	N 200 250 250	250 250
Gearhead length L ¹	mm 35.4 48.3 52.9	48.3 52.9
Weight	g 230 310 410	310 410

Configuration	LN Noise reduced	LZ Backlash reduced
Number of stages	1 2 3	2 3
Reduction	X:1 3.9 16, 26 62, 83, 103, 111, 138, 150, 172, 186, 231	16, 26 62, 83, 103, 111, 138, 150, 172, 186, 231
Absolute reduction: (see online)		
Version	Standard/noise reduced/backlash reduced	
Flange	Standard flange/configurable flange	
Shaft	Length/flat face/feather key	

Modular system		Page			Page			Page
DC motor	Nº of stages [opt.]		EC motor	Nº of stages [opt.]		ECX drive	Nº of stages [opt.]	
DCX 32 L	3	117	ECX FLAT 32 S	3	260-261	ECX FLAT 32 S IE	3	363
DCX 35 L	1-2	118	ECX FLAT 32 L	3	262	ECX FLAT 32 L IE	3	364

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