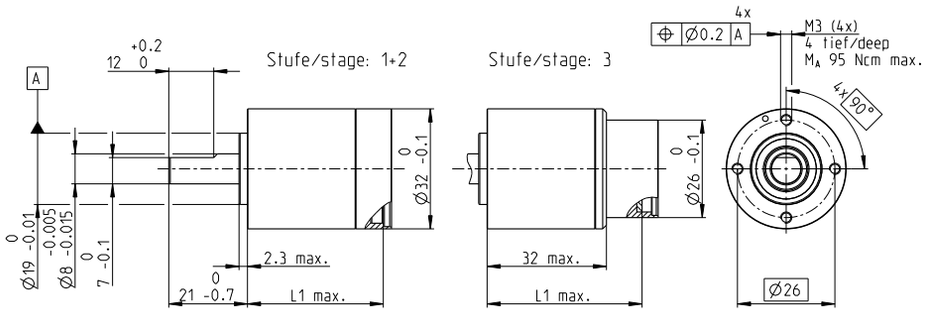
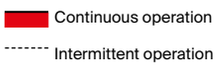
GPX 32 ∅32 mm, planetary gearhead



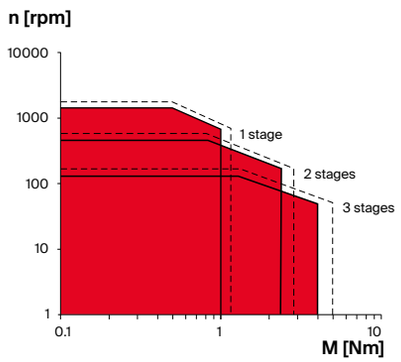
M 1:2

Key data		LN Noise reduced	LZ Backlash reduced
Max. transmittable power	W	80	50
Max. continuous torque	Nm	4	5
Max. continuous input speed	rpm	8000	8000
Ambient temperature	°C	-40...+100	-40...+100
Bearing at output		Ball bearing	Ball bearing
Typical noise level	dBA	-5 compared to standard configuration	

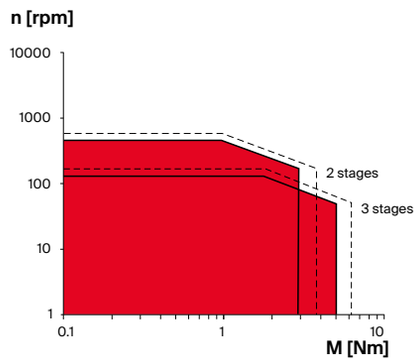
Operating range (output shaft)



LN Noise reduced



LZ Backlash reduced



Specifications		LN Noise reduced			LZ Backlash reduced	
Number of stages		1	2	3	2	3
Max. transmittable continuous power	W	80	40	20	50	25
Max. transmittable intermittent power	W	100	50	25	62	31
Max. continuous torque	Nm	1.00	2.30	4.00	2.90	5.00
Max. intermittent torque	Nm	1.30	2.90	5.00	3.60	6.25
Max. continuous input speed	rpm	6000	7000	8000	7000	8000
Max. intermittent input speed	rpm	7500	8750	10000	8750	10000
Max. efficiency	%	90	78	75	78	75
Average backlash no load	°	0.55	0.7	0.9	0.55	0.75
Max. axial load (dynamic)	N	110	110	110	110	110
Max. radial load, 10 mm from flange	N	160	180	180	180	180
Gearhead length L1[1]	mm	26.7	36.3	43.9	36.3	43.9
Weight	g	140	185	230	185	230

Configuration		LN Noise reduced			LZ Backlash reduced	
Number of stages		1	2	3	2	3
Reduction Absolute reduction: (see online)	X:1	3.9, 5.3	16, 21, 26, 28, 35	62, 83, 103, 111, 138, 150, 172, 186, 231	16, 21, 26, 28, 35	62, 83, 103, 111, 138, 150, 172, 186, 231
Version		Standard/ceramic version/noise reduced/backlash reduced/high power/ultra performance				
Flange		Standard flange/configurable flange				
Shaft		Length/diameter/flat face/cross hole				

Modular system		Page			Page			Page
DC motor	№ of stages [opt.]		**EC motor**	№ of stages [opt.]		**Compact drive**	№ of stages [opt.]	
DCX 26 L	3	115–116	ECX FLAT 32 S*	1–2 [3]	260–261	ECX FLAT 32 S IE*	1–2 [3]	363
DCX 32 L	1–2 [3]	117	ECX FLAT 32 L*	1–2 [3]	262	ECX FLAT 32 L IE*	1–2 [3]	364
DC-max 26 S*	3	125–126						

*Limited selection of reduction ratios (see online).
[1]This length may vary depending on the configuration and choice of motor. The effective length is calculated at the end of the configuration process.