

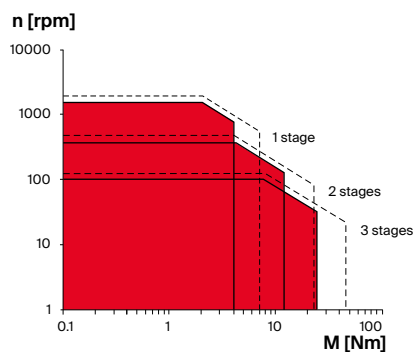
GPX 52 Ø52 mm, planetary gearhead



M 1:2

Key data	LN	Noise reduced
Max. transmittable power	W	320
Max. continuous torque	Nm	24.0
Max. continuous input speed	rpm	6000
Ambient temperature	°C	-20...+85
Bearing at output		Ball bearing
Typical noise level	dBA	-5 compared to standard configuration

Operating range (output shaft)	LN	Noise reduced
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Specifications		LN	Noise reduced		
Number of stages			1	2	3
Max. transmittable power (continuous)	W		320	160	80
Max. transmittable power (intermittent)	W		400	200	100
Max. continuous torque	Nm		4.0	12.0	24.0
Max. intermittent torque	Nm		7.0	23.0	45.0
Max. continuous input speed	rpm		6000	6000	6000
Max. intermittent input speed	rpm		7500	7500	7500
Max. efficiency	%		95	92	89
Average backlash no load	°		0.5	0.6	0.8
Max. axial load (dynamic)	N		200	200	200
Max. permissible radial load, 10 mm from flange	N		420	630	900
Gearhead length L1 ¹	mm		44	61	78
Weight	g		687	861	1143

Configuration	LN Noise reduced							
Number of stages	1		2		3			
Reduction	3.9, 5.3, 6.6	16, 21, 26, 28, 35, 44	62, 83, 103, 111, 138, 172					
Version	Standard/noise reduced/ultra performance							
Flange	Standard flange							
Shaft	Length/diameter/feather key							

Modular system		Page			Page
EC motor	Nº of stages [opt.]		Compact drive	Nº of stages [opt.]	
IDX 56 S	1-3	249	IDX 56 S	1-3	353
IDX 56 M	1-3	250	IDX 56 M	1-3	354
IDX 56 L	1-3	251	IDX 56 L	1-3	355

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