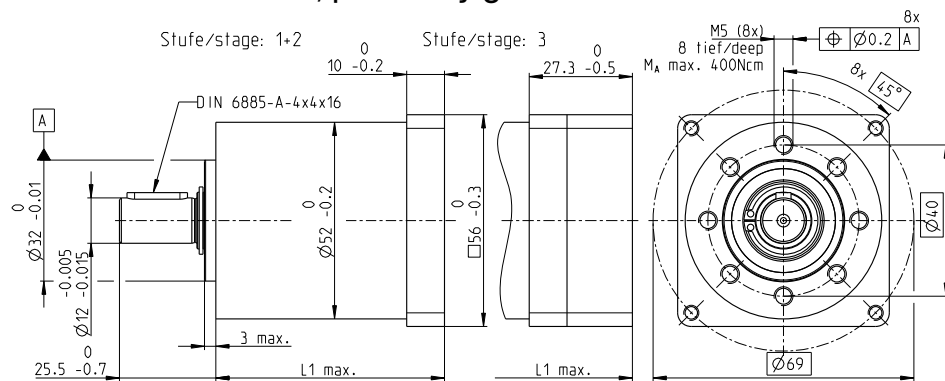


GPX 52 Ø52 mm, planetary gearhead

GPX

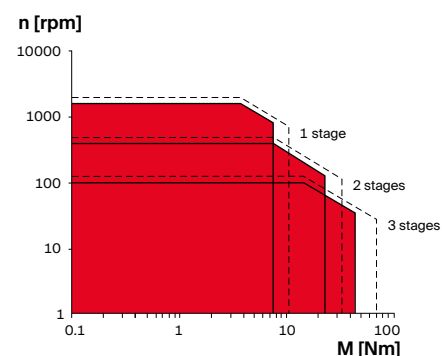
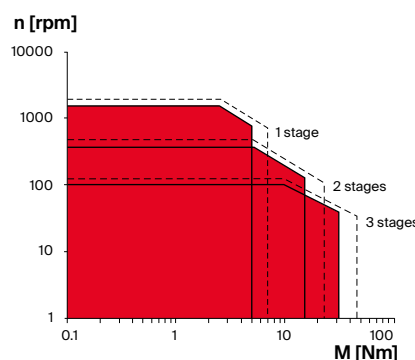


M 1:2

Key data	A Standard version	UP Ultra performance
Max. transmittable power	W 400	600
Max. continuous torque	Nm 30.0	45.0
Max. continuous input speed	rpm 6000	6000
Ambient temperature	°C -40...+100	-40...+100
Bearing at output	Ball bearing	Ball bearing

Operating range (output shaft)	A Standard version	UP Ultra performance
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Continuous operation
Intermittent operation



Specifications	A Standard version	UP Ultra performance
Number of stages	1 2 3	1 2 3
Max. transmittable power (continuous)	W 400 200 100	600 300 150
Max. transmittable power (intermittent)	W 500 250 125	750 375 188
Max. continuous torque	Nm 5.0 15.0 30.0	7.5 22.5 45.0
Max. intermittent torque	Nm 7.0 23.0 45.0	10.5 34.5 67.5
Max. continuous input speed	rpm 6000 6000 6000	6000 6000 6000
Max. intermittent input speed	rpm 7500 7500 7500	7500 7500 7500
Max. efficiency	% 95 92 89	95 92 89
Average backlash no load	° 0.5 0.6 0.8	0.3 0.4 0.5
Max. axial load (dynamic)	N 200 200 200	200 200 200
Max. permissible radial load, 10 mm from flange	N 420 630 900	420 630 900
Gearhead length L ¹	mm 44 61 78	44 61 78
Weight	g 687 855 1080	694 861 1086

Configuration	A Standard version			UP Ultra performance				
Number of stages	1	2	3		1	2	3	
Reduction	3.9, 5.3, 6.6	16, 21, 26, 28, 35, 44	62, 83, 103, 111, 138, 172		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	Modular system	Page
EC motor		Compact drive	
IDX 56 S	Nº of stages [opt.] 1-3 249	IDX 56 S	Nº of stages [opt.] 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.