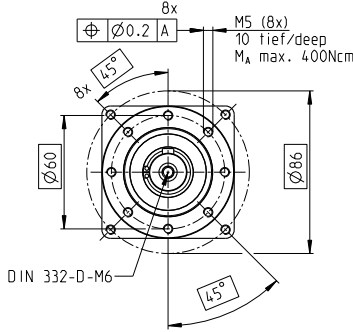
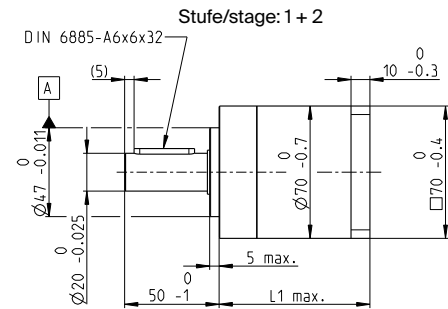
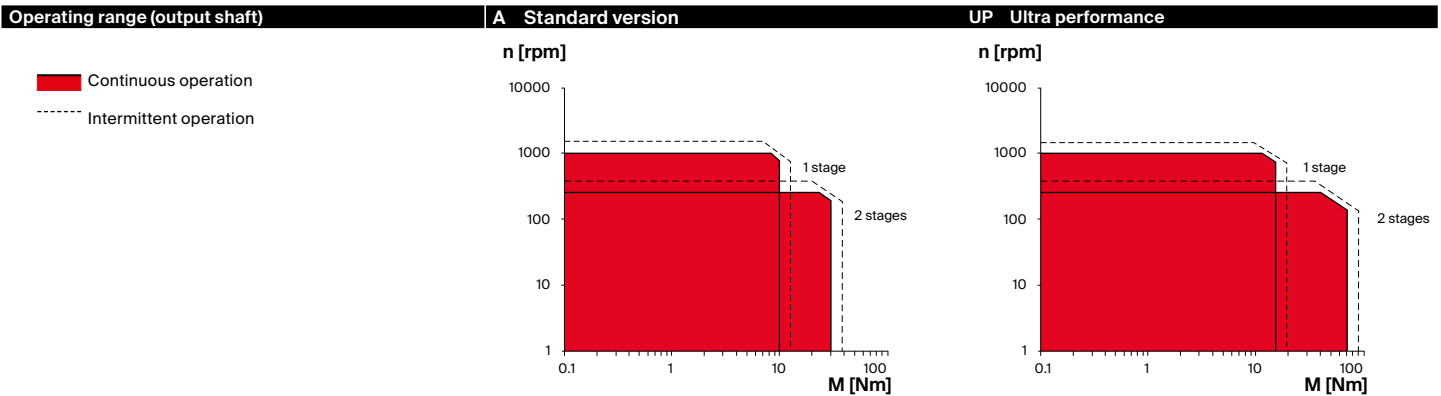


GPX 70 Ø70 mm, planetary gearhead



M 1:4

Key data	A Standard version	UP Ultra performance
Max. transmittable power	W 850	1200
Max. continuous torque	Nm 30.0	70.0
Max. continuous input speed	rpm 6000	6000
Ambient temperature	°C -20...+100	-20...+100
Bearing at output	Ball bearing	Ball bearing



Specifications	A Standard version	UP Ultra performance
Number of stages	1 2	1 2
Max. transmittable power (continuous)	W 850 600	1200 1050
Max. transmittable power (intermittent)	W 1063 750	1500 1313
Max. continuous torque	Nm 10.0 30.0	15.0 70.0
Max. intermittent torque	Nm 12.5 37.5	18.8 87.5
Max. continuous input speed	rpm 4000 4000	4000 4000
Max. intermittent input speed	rpm 6000 6000	6000 6000
Max. efficiency	% 95 92	95 92
Average backlash no load	° 0.5 0.5	0.5 0.5
Max. axial load (dynamic)	N 825 825	825 825
Max. permissible radial load, 10 mm from flange	N 1000 1200	1000 1200
Gearhead length L ¹	mm 58 80	58 80
Weight	g 1015 1450	1025 1475

Configuration	A Standard version	UP Ultra performance
Number of stages	1 2	1 2
Reduction	3.9, 5.3, 6.6 16, 21, 26, 28, 35, 44	3.9, 5.3, 6.6 16, 21, 26, 28, 35, 44
Version	Standard/noise reduced/ultra performance	
Flange	Standard flange	
Shaft		

Modular system	Page	Modular system	Page
EC motor		Compact drive	
IDX 70 S	Nº of stages [opt.] 1-2 252	IDX 70 S	Nº of stages [opt.] 1-2 356
IDX 70 M	1-2 253	IDX 70 M	1-2 357

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