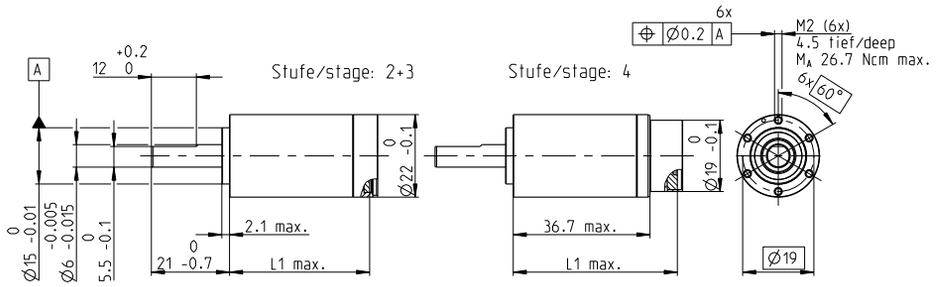
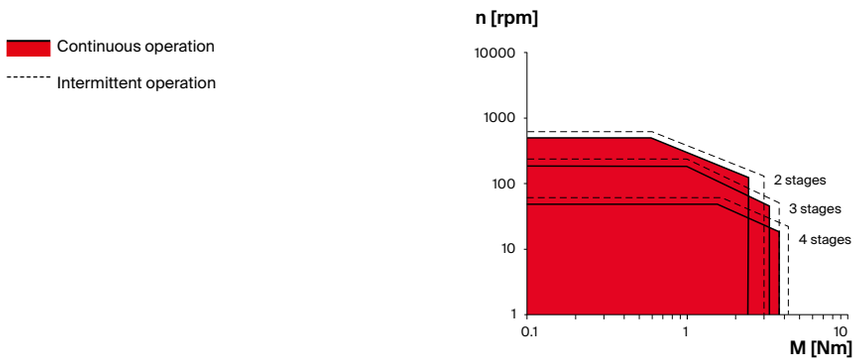
GPX 22 ∅22 mm, planetary gearhead



M 1:2

Key data		HP High Power
Max. transmittable power	W	30
Max. continuous torque	Nm	3.7
Max. continuous input speed	rpm	12000
Ambient temperature	°C	-40...+100
Bearing at output		Ball bearing

Operating range (output shaft) — HP High Power



Specifications		HP High Power		
Number of stages		2	3	4
Max. transmittable power (continuous)	W	30.0	15.0	8.0
Max. transmittable power (intermittent)	W	40.0	20.0	10.0
Max. continuous torque	Nm	2.40	3.30	3.70
Max. intermittent torque	Nm	3.00	3.80	4.20
Max. continuous input speed	rpm	8000	10000	12000
Max. intermittent input speed	rpm	10000	12500	15000
Max. efficiency	%	75	65	55
Average backlash no load	°	1.05	1.2	1.35
Max. axial load (dynamic)	N	80	80	80
Max. radial load, 10 mm from flange	N	145	150	150
Gearhead length L1[1]	mm	31.7	38.2	44.0
Weight	g	73	86	95

Configuration		HP High Power		
Number of stages		2	3	4
Reduction Absolute reduction: (see online)	X:1	16, 21, 26, 28, 35, 44	62, 83, 103, 111, 138, 150, 172, 186, 231	243, 326, 406, 439, 546, 590, 679, 734, 794, 913, 987, 1135, 1227, 1526
Version		Standard/ceramic version/noise reduced/backlash reduced/high power/ultra performance		
Flange		Standard flange		
Shaft		Length/flat face/cross hole		

Modular system		Page
DC motor	№ of stages [opt.]	
DCX 19 S	4	109–110
DCX 22 S	2–3 [4]	111–112
DCX 22 L	2–3 [4]	113–114

		Page
EC motor	№ of stages [opt.]	
ECX SPEED 19 M	4	217–218
ECX SPEED 19 L	4	221–222
ECX SPEED 22 M	2–3 [4]	225–226
ECX SPEED 22 L	2–3 [4]	229–230
ECX PRIME 22 L*	2–3	239
ECX TORQUE 22 M	2–3	243
ECX TORQUE 22 L	2–3	244
ECX TORQUE 22 XL	2–3	245
ECX FLAT 22 S*	2–3 [4]	257–258
ECX FLAT 22 L*	2–3 [4]	259

		Page
Compact drive		
ECX FLAT 22 S*	2–3 [4]	361
ECX FLAT 22 L*	2–3 [4]	362

*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.

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