



REB

(REB)

**PLANETARY
GEARBOXES
BASIC**



P. N. : D.S. / 10.12.18 / REB / 01

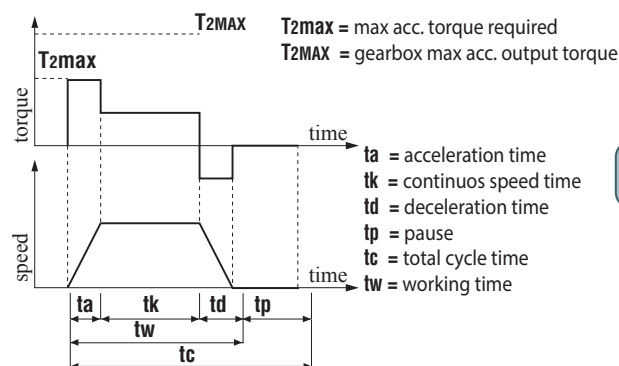
SERIES	Stage	I Reduction Ratios (PREFERRED)	T2 N ¹⁾ Rated Out Torque	T2 Max ²⁾ Acceleration Torque (S5)	T2pk ³⁾	Nn Nominal Input Speed	Nmax Max Input Speed	F2 R ⁴⁾	F2 A ⁵⁾	BKLASH OUTput Shaft	WEIGHT
			(Nm)	(Nm)	(Nm)	(Rpm)	(Rpm)	(N)	(N)	(Arcmin)	(kg)
REB 42	1	4 / 6	0.2	0.35	1.7	3000	4000	400	300	35	0.2
	2	16 / 24 / 36	0.9	1.7	6.5					35	0.25
	3	64 / 96 / 144 / 216	4.1	7.2	22					35	0.3
REB 63	1	4 / 6	5	10	11	3000	4000	500	400	50	1.4
	2	16 / 24 / 36	15	30	40					50	1.6
	3	64 / 96 / 144 / 216	25	40	120					50	1.8

STANDARD FEATURES

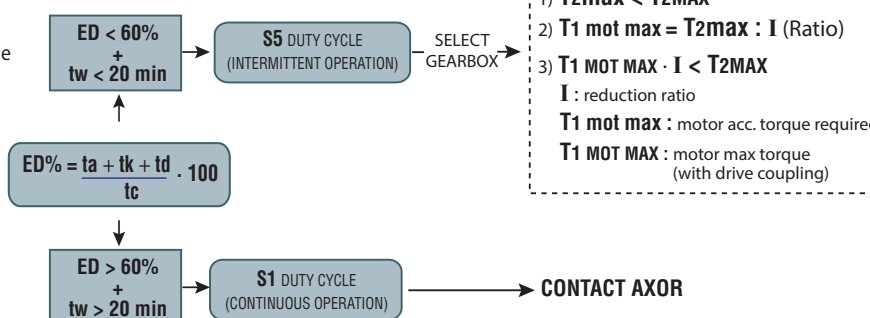
- ♦ Average bearings lifetime 20'000h
- ♦ Noise level < 70 dB
- ♦ Protection rating IP65
- ♦ Lifetime lubrication

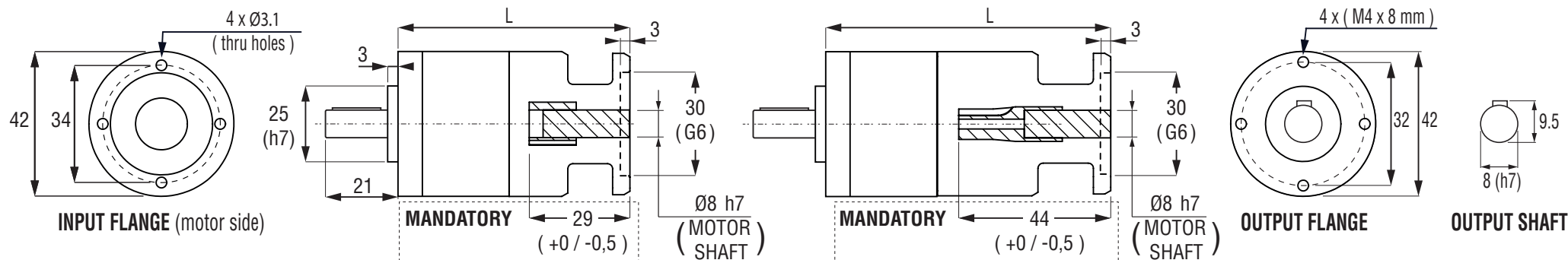
- 1) **T2 N** Nominal output torque for intermittent operation (S5). Max gearbox T=95°C
- 2) **T2 MAX** Max acceleration output torque for intermittent operation (S5)
- 3) **T2pk** Peak output torque for emergency stop
- 4) **F2 R** Max radial-load in the middle of out shaft at 100 Rpm (20.000 h. bearing life)
- 5) **F2 A** Max axial-load at shaft end at 100 Rpm (20.000 h. bearing life)

DUTY CYCLE DETERMINATION (ED)

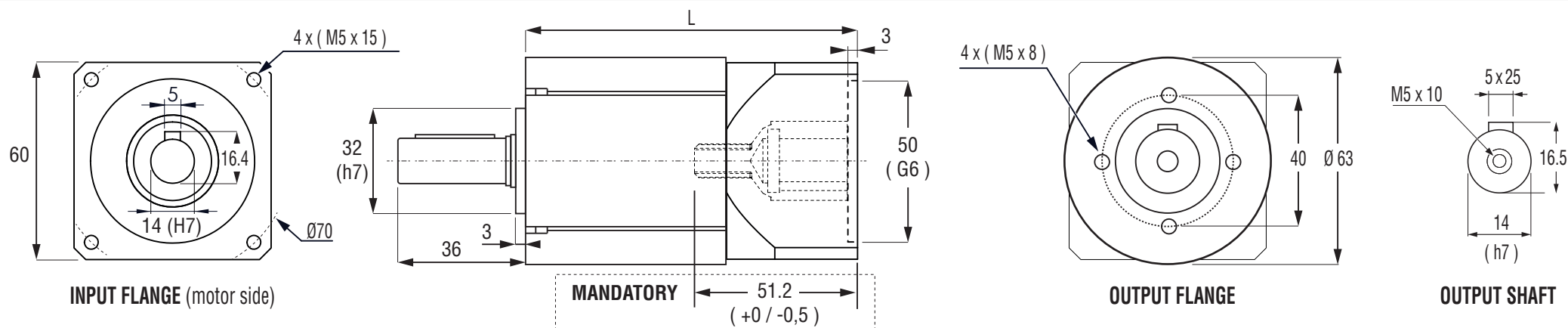


GEARBOX SELECTION





REB 42



REB 63

REB 42 - 2 - 16 - 35				000 D 00 X				000 C 00 X				NC
NAME: Planetary Gearboxes SERIES: 42,63 STAGE: 1, 2, 3 EX: 1 = one stage REDUCTION RATIO: Ex: 6=1:6 (see table on reverse) TORSIONAL BACKLASH: XX = standard				INPUT FLANGE & SHAFT MOUNTING FLANGE: 000 = standard (see above) 001-499 = IEC metric dimension 501-999 = Axor's internal code MOUNTING HOLES: D = B5 flange with thru holes (standard) C = B14 flange with threaded holes (optional)				OUTPUT FLANGE & SHAFT MOUNTING FLANGE: 000 = standard (see above) 001-499 = IEC metric dimension 501-999 = Axor's internal code MOUNTING HOLES: D = B5 flange with thru holes (standard) C = B14 flange with threaded holes (optional)				SHAFT KEY: x = with key (standard) w = without key (optional) SHAFT DIAMETER: 00 = standard (see above) 01 - 49 = IEC metric diameter 51 - 99 = Axor's internal code COUPLING: AC = coupled "A" (std) NC = not coupled (opt)