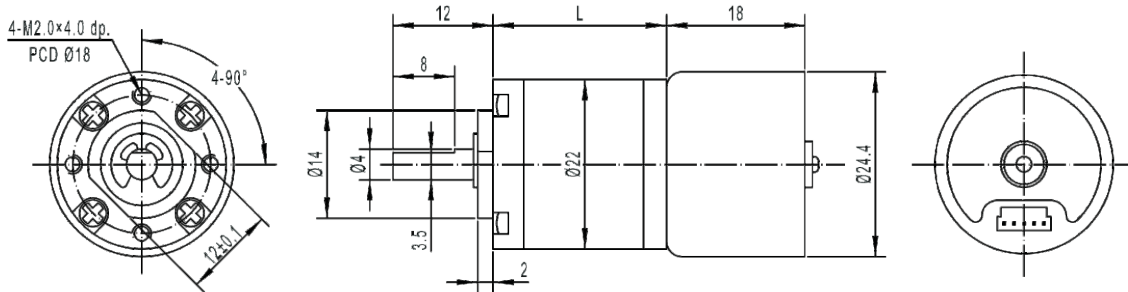


# GMP22-TEC2418

22mm planetary gearbox plus 24mm brushless motor



Module	0.3				
Rated torque (kg.cm)	3.0 kg.cm max				
Max momentary tolerance torque (kg.cm)	6.0 kg.cm max				
Reduction ratio	1/4 1/4.75	1/16 1/19 1/22.6	1/64 1/76 1/90 1/107	1/172、1/224 1/256、1/304 1/361、1/428.7 1/509	1/1024
Number of gear stages	1	2	3	4	5
L (mm)	12.5	16	19.5	23	26.5



Weight: 90g(Approx)

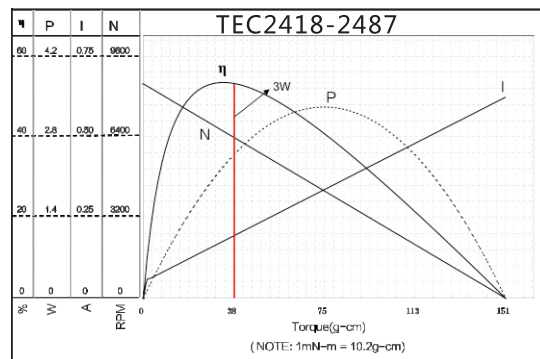
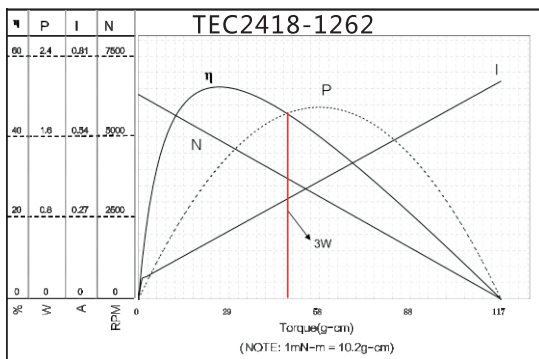
Unit(mm)

## Gear Motor Technical Data

		16	64	84	107	224	304	361	428.7	1014
12.0V	Reduction ratio	16	64	84	107	224	304	361	428.7	1014
	No-load speed(rpm)	380	96	70	58	27	20	17	14	6
	Rated speed(rpm)	320	80	60	47	22	16	14	13	5
24.0V	Rated torque(kg.cm)	0.2	0.7	1.0	1.2	1.8	2.6	3.0	3.0	3.0
	No-load speed(rpm)	540	135	100	80	38	28	24	20	8
	Rated speed(rpm)	470	115	90	70	33	24	20	17	7
		Rated torque(kg.cm)	0.2	0.7	1.0	1.2	1.8	2.6	3.0	3.0

## Motor Technical Data

Motor model	Rated voltage	No-load		Rated			Stall		
		Speed	Current	Speed	Torque	Current	Power	Torque	Current
	VDC	r/min	mA	r/min	g.cm	mA	W	g.cm	A
TEC2418-1262	12.0	6200	60	5100	20	180	1.05	110	0.7
TEC2418-2487	24.0	8700	50	7500	20	130	1.54	145	0.7



NOTE: the left side of red line area can continuous work