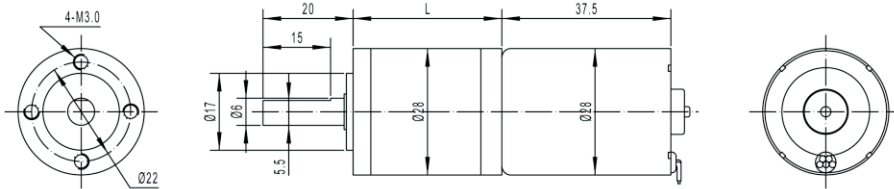


GMP28-TEC2838 28 mm planetary gearbox plus 28mm brushless motor

- Small size dc gear motor with low speed and big torque
- 28mm gear motor provide 2.0Nm torque and more reliable
- Suitable to small diameter. Low noise and big torque application
- Reduction ratio: 4、14、19、27、51、71、100、139、189、264、369、516、720



Gear Motor Dimensions (mm)

Motor Technical Data

Motor model No.	Rated voltage	No-load speed	No-load current	Rated speed	Rated torque	Rated current	Output power	Stall torque	Stall current
	VDC	r/min	mA	r/min	g.cm	mA	W	g.cm	A
TEC2838-0630	6.0	3000	220	2200	80	450	1.8	300	2.0
TEC2838-1245	12.0	4500	200	3600	110	550	4.1	430	1.8
TEC2838-2460	24.0	6000	80	4400	130	320	5.9	600	2.0

Gear Motor Technical Data

Gearbox with motor: GMP28-TEC2838-0630-XXX

Reduction ratio	4	19	27	51	100	189	264	369	516	720
Length mm	28.5	36	36	43	43	50	50	50	50	50
No-load speed rpm	700	150	105	55	28	16	11	8	6	4
Rated speed rpm	550	115	80	43	22	12	8	6	4	3
Rated torque kg.cm	0.26	1.1	1.5	2.4	4.8	8.3	12	20	20	20
Max.momentary tolerance torque kg.cm	1.0	4.0	4.9	9.2	18	30	30	30	30	30

Gearbox with motor

GMP28-TEC2838-1245-XXX

Reduction ratio	4	19	27	51	100	189	264	369	516	720
Length mm	28.5	36	36	43	43	50	50	50	50	50
No-load speed rpm	1050	225	160	86	43	23	17	12	9	6
Rated speed rpm	900	190	135	70	36	19	14	10	8	5
Rated torque kg.cm	0.26	1.9	2.6	4.3	8	16	20	20	20	20
Max.momentary tolerance torque kg.cm	1.4	5.7	8	13	26	30	30	30	30	30

Gearbox with motor

GMP28-TEC2838-2460-XXX

Reduction ratio	4	19	27	51	100	189	264	369	516	720
Length mm	28.5	36	36	43	43	50	50	50	50	50
No-load speed rpm	1450	305	215	110	58	30	24	17	12	9
Rated speed rpm	1100	230	163	85	44	23	18	14	10	8
Rated torque kg.cm	0.4	1.9	2.6	4.3	8.4	15	20	20	20	20
Max.momentary tolerance torque kg.cm	1.9	8	11	18	30	30	30	30	30	30