

GM25-370CA

25mm gearbox plus 370 & 320 permanent magnet DC motor and TEC2419 brushless motor

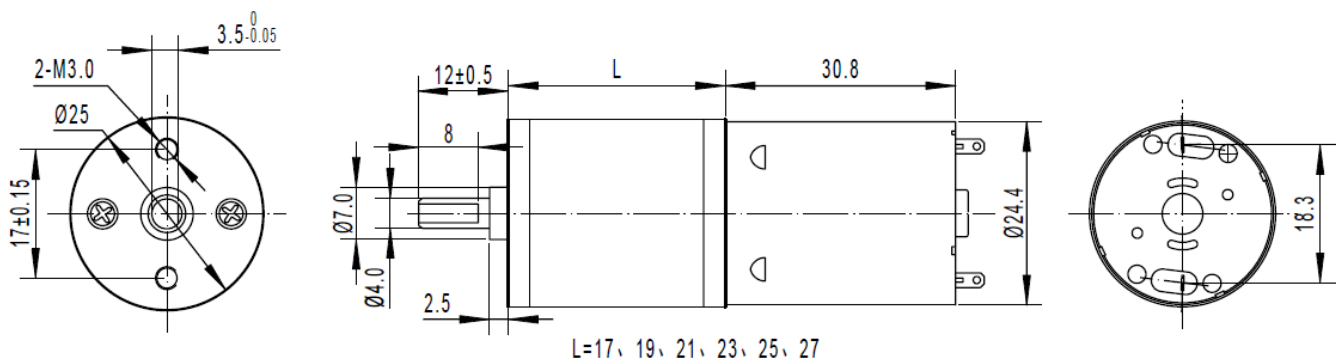
Characters:

1. Small size dc gear motor with low speed and big torque
2. 25mm gear motor provide 0.5Nm torque and more reliable
3. Suitable to small diameter, low noise and big torque application
4. Dc Gear motors can match encoder, 3ppr、12ppr
5. Reduction Ratio: 4、10、21、34、45、47、78、103、130、172、227、378、499

PMDC Dc Gear Motor



Gear Motor Dimensions (mm)



Motor Technical Data

Type	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
TRK-370CA-22170	6	5600	50	4800	24	300	1.18	186	2.1
TRK-370CA-15360	12	5600	25	4800	24	160	1.18	186	1.06
TRK-370CA-12560	12	3700	20	3000	20	90	0.62	125	0.46

Gear motor Technical Data

Gearbox with motor: GM25-370CA-22170-XXX

Reduction ratio	4	10	21	34	47	78	103	130	227	499
Length mm	17	19	19	21	21	23	23	25	25	27
No-load speed rpm	1280	510	245	150	110	68	50	42	24	11
Rated speed rpm	1200	480	230	137	102	62	47	37	21	10
Rated torque kg.cm	0.06	0.15	0.3	0.5	0.7	1.1	1.5	1.7	2.7	5
Max.momentary tolerance torque kg.cm	0.45	1.1	2.3	3.9	5.2	10	10	10	10	10

Gearbox with motor: GM25-370CA-15360-XXX

Reduction ratio	4	10	21	34	47	78	103	130	227	499
Length mm	17	19	19	21	21	23	23	25	25	27
No-load speed rpm	1280	510	245	150	110	68	50	42	24	11
Rated speed rpm	1200	480	230	137	102	62	47	37	21	10
Rated torque kg.cm	0.06	0.15	0.3	0.5	0.7	1.1	1.5	1.7	2.7	5
Max.momentary tolerance torque kg.cm	0.45	1.1	2.3	3.9	5.2	10	10	10	10	10

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Gearbox with motor: GM25-370CA-12560-XXX

Reduction ratio	4	10	21	34	47	78	103	130	227	499
Length mm	17	19	19	21	21	23	23	25	25	27
No-load speed rpm	850	340	165	100	75	48	34	27	16	7
Rated speed rpm	750	300	145	86	64	38	29	23	13	6
Rated torque kg.cm	0.05	0.12	0.26	0.4	0.6	0.9	1.2	1.4	2.5	5
Max.momentary tolerance torque kg.cm	0.3	0.75	1.5	2.6	3.5	10	10	10	10	10