# 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 toque 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

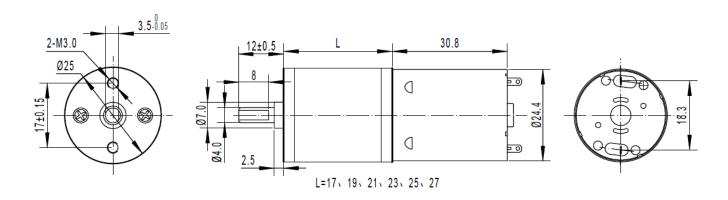
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#### PMDC Dc Gear Motor



## **Gear Motor Dimensions (mm)**

https://www.youtube.com/watch?v=6QZMt4yyylU



#### Motor Technical Data

MOTOL TECHNIC		90 g							
	Rated	No-load	No-load	Rated	Rated	Rated	Output	Stall	Stall
-	voltage	speed	current	speed	torque	current	power	torque	current
Туре	VDC	r/min	mA	r/min	g.cm	mA	W	g.cm	Α
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

## TT MOTOR (HK) INDUSTRIAL CO., LTD

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

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