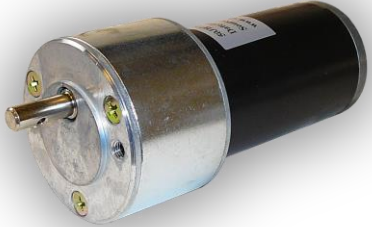


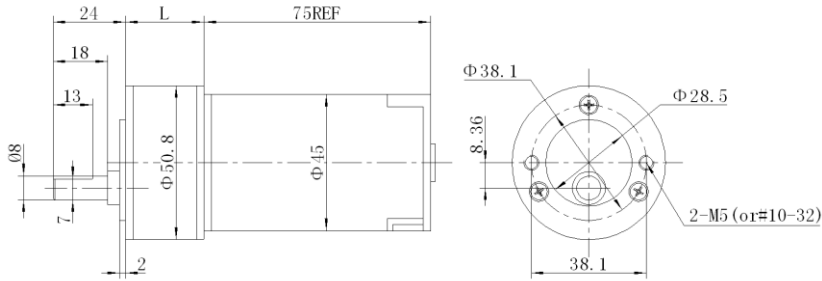
**50GA/45ZYT75 12V (Cross for GM9000 Series)**

**● Gearbox Specifications**

Gear Ratio		Stage	Eff.	Maximum Load	Length
1:X		#	%	kg.cm	mm
8	14	2	81	30	26
33	55	3	73	40	26
130	220	4	66	50	33.5
520	883	5	59	50	33.5



**● Dimensions**



Available upon request:

- Additional winding voltages
- Shaft modifications
- Encoders
- Cables and Connectors
- EMI filters

**● Motor Specifications**

Model	Rated	No-load		Rated				Stall		Motor Length mm
	Voltage	Current	Speed	Current	Speed	Torque	Power	Current	Torque	
	VDC	mA	r/min	mA	r/min	g.cm	W	A	g.cm	
45ZYT75-1230	12	250mA	3000	850	2200	550	12	6.5	2200	75
45ZYT75-1245	12	400mA	4500	1800	3300	800	26.4	12.5	3200	75
45ZYT75-1260	12	700mA	6000	3500	4500	1100	49.5	25	4400	75

**● Gearmotor Specifications (Use gear ratio to replace xxx when order)**

**50GAXXXK/45ZYT75-2430**

$X(\text{in-lb}) = 0.867313 * Y(\text{kg.cm})$

Reduction Ratio	8	14	33	55	130	220	520	883
No-load speed(RPM)	375	214	91	54	23	14	5.8	3.4
Rated speed(RPM)	275	157	67	40	17	10	4.2	2.5
Rated torque(kg.cm)	3.6	6.2	13.3	22.1	47.2	50	50	50

**45GAXXXK/45ZYT75-2445**

$X(\text{in-lb}) = 0.867313 * Y(\text{kg.cm})$

Reduction Ratio	8	14	33	55	130	220	520	883
No-load speed(RPM)	563	321	136	82	35	20	8.7	5.1
Rated speed(RPM)	413	236	100	60	25	15	6.3	3.7
Rated torque(kg.cm)	5.2	9.1	19.3	32.1	50	50	50	50

**50GAXXXK/45ZYT75-2460**

$X(\text{in-lb}) = 0.867313 * Y(\text{kg.cm})$

Reduction Ratio	8	14	33	55	130	220	520	883
No-load speed(RPM)	750	429	182	109	46	27	12	6.8
Rated speed(RPM)	563	321	136	82	35	20	8.7	5.1
Rated torque(kg.cm)	7.1	12.5	26.5	44.2	50	50	50	50