

ET-SGM12-A

Precise Spur Gear Motor

WEIGHT: 14g(APPROX)

Performance Range

Voltage: 1.5-12VDC

Speed: 1-1600rpm

Torque: 0.1-8kg.cm

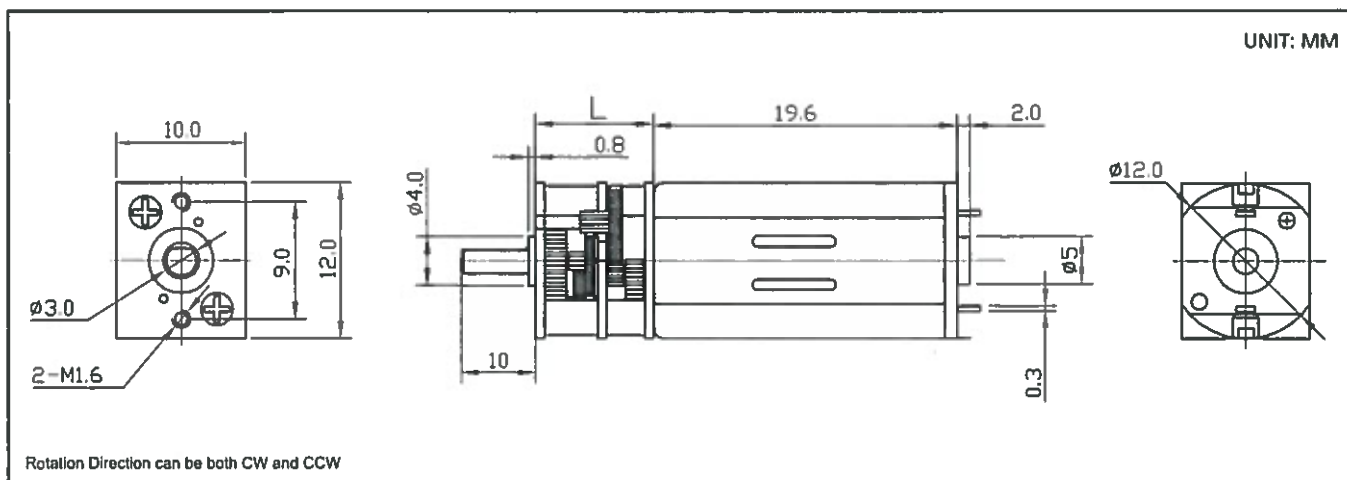
Typical Applications

Security and Safe Industry

Robotics and Automation

Electric Valve

Gear Ratio Stage	2	3	4	5
Gear Ratio	10	30	150	1000
	20	50	210	
		63	250	
		100	298	
			340	
			380	
Gearbox Length(L)		9		12



MODEL	VOLTAGE		NO LOAD		AT MAX EFFICIENCY			AT STALL	
	OPERATION RANGE	NOMINAL	SPEED	CURRENT	SPEED	CURRENT	TORQUE	CURRENT	TORQUE
			r/min	A	r/min	A	kg.cm	A	kg.cm
ET-SGM12A-03790	1.5-6.0	3.0	790	≤0.04	695	≤0.10	0.02	≤0.41	0.12
ET-SGM12A-03395	1.5-6.0	3.0	395	≤0.04	346	≤0.10	0.04	≤0.41	0.24
ET-SGM12A-03263	1.5-6.0	3.0	263	≤0.04	219	≤0.10	0.06	≤0.41	0.36
ET-SGM12A-03158	1.5-6.0	3.0	158	≤0.04	131	≤0.10	0.10	≤0.41	0.6
ET-SGM12A-03125	1.5-6.0	3.0	125	≤0.04	99	≤0.10	0.13	≤0.41	0.75
ET-SGM12A-0379	1.5-6.0	3.0	79	≤0.04	61	≤0.10	0.19	≤0.41	1.2
ET-SGM12A-0353	1.5-6.0	3.0	53	≤0.04	40	≤0.10	0.29	≤0.41	2.5
ET-SGM12A-0338	1.5-6.0	3.0	38	≤0.04	29	≤0.10	0.40	≤0.41	3
ET-SGM12A-0332	1.5-6.0	3.0	32	≤0.04	23	≤0.10	0.47	≤0.41	3
ET-SGM12A-0327	1.5-6.0	3.0	27	≤0.04	19	≤0.10	0.54	≤0.41	3.6
ET-SGM12A-0323	1.5-6.0	3.0	23	≤0.04	16	≤0.10	0.60	≤0.41	4
ET-SGM12A-0321	1.5-6.0	3.0	21	≤0.04	14	≤0.10	0.66	≤0.41	4.7
ET-SGM12A-0308	1.5-6.0	3.0	8	≤0.04	5	≤0.10	1.70	≤0.41	12

Remarks:

1. Shaft dimension can be customized, we usually have 4.4mm, 8mm and 10mm stocks
2. The Voltage can be 1.5V, 3V, 4.5V, 5V, 6V, 9V, 12V; The DC Motor's speed is adjustable.
3. This gearbox can be matched with other DC Motor.