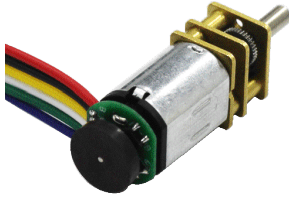
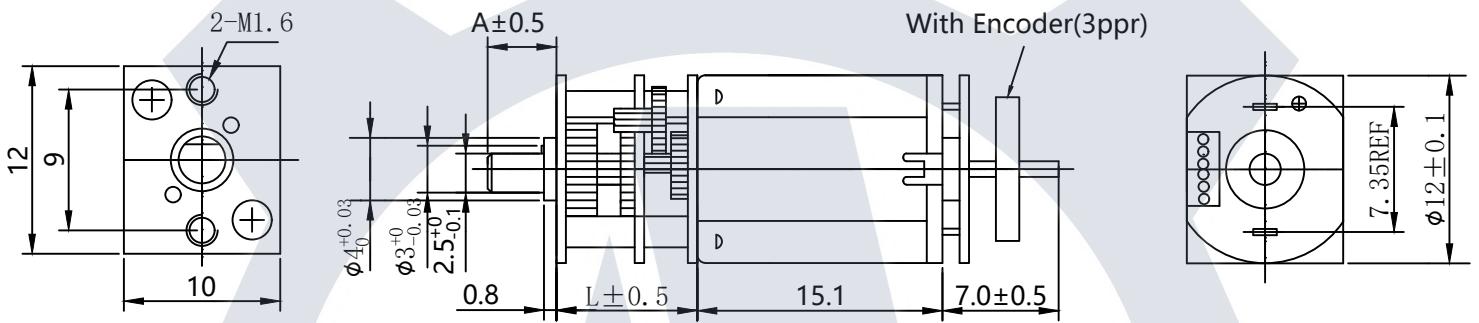


FAGM12-N20-EN



Number of stages	2	4	5	7
Reduction ratio	3,5,10	17,20,30,36,50,63,75,100	110, 150, 210,250, 298, 380	372, 625, 1000
Gearbox length 'L' mm	9	9	9	12
Shaft length 'A' mm	Standard length: 4.5, 10, free custom; Standard shape: Ø3 D-cut 0.5mm, other: dual flat, M3, M4, etc.			
Breaking torque(kgf.cm)	0.6	0.9~1.2	1.5~2	3
Gearbox efficiency	81%	65%	59%	48%

外形尺寸 DIMENSION



UNIT: MILLIMETERS

直流正齿减速电机参数

SPUR GEARED MICRO DC MOTOR SPECS(voltage, current, torque, etc free customization)

电压 Voltage	级数 number of stages	2		3		4				5				7	
	减速比 Gear Ratio	10	23	30	50	63	70	100	110	150	210	250	298	380	1000
3V	额定扭力 kgf.cm Rated Torque	0.02	0.03	0.05	0.07	0.09	0.10	0.14	0.14	0.19	0.26	0.31	0.37	0.47	1.03
	额定转速 RPM Rated Speed	780	339	260	156	124	111	78	71	52	37	31	26	21	8
	瞬间容许扭力 kgf.cm Max Allowable Moment Torque	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2
	空载转速 RPM No Load Speed	1000	435	333	200	159	143	100	91	67	48	40	34	26	10
6V	额定扭力 kgf.cm Rated Torque	0.03	0.06	0.08	0.13	0.16	0.18	0.25	0.25	0.35	0.48	0.58	0.69	0.88	1.91
	额定转速 RPM Rated Speed	1700	739	567	340	270	243	170	155	113	81	68	57	45	17
	瞬间容许扭力 kgf.cm Max Allowable Moment Torque	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2
	空载转速 RPM No Load Speed	2100.0	913.0	700.0	420.0	333.3	300.0	210.0	190.9	140.0	100.0	84.0	70.5	55.3	21.0

电机参数 MICRO DC MOTOR SPECS(voltage, current, torque, etc free customization)

型号 Model	额定电压 Rated Voltage	空载 No Load		额定负载 RATED LOAD					堵转 Stall	
		转速 Speed	电流 Current	转速 Speed	电流 Current	扭矩 Torque	输出功率 Output	效率 Efficiency	扭矩 Torque	电流 Current
	VDC	RPM	A	RPM	A	gf.cm	W	%	gf.cm	A
FAGM12-N20-V1	3	10000	0.04	7800	0.15	2	0.160	35.6	7.5	0.5
FAGM12-N20-V2	6	21000	0.05	17000	0.2	3.7	0.646	53.8	20	0.85