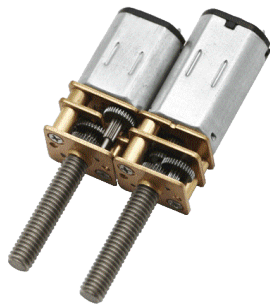
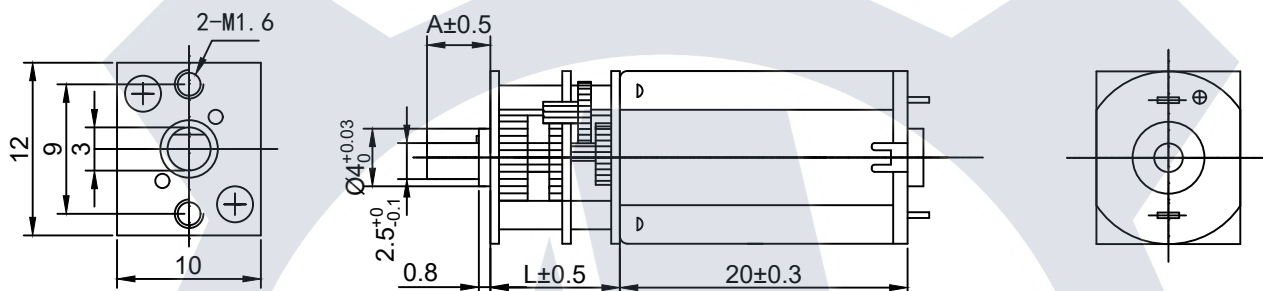


FAGM12-N30



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
6V	额定扭力 kgf.cm Rated Torque	0.02	0.05	0.07	0.10	0.13	0.14	0.21	0.21	0.28	0.39	0.47	0.56	0.71	1.55
	额定转速 RPM Rated Speed	1060	461	353	212	168	151	106	96	71	50	42	36	28	11
	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	1250	543	417	250	198	179	125	114	83	60	50	42	33	13
12V	额定扭力 kgf.cm Rated Torque	0.02	0.05	0.07	0.10	0.13	0.14	0.21	0.21	0.28	0.39	0.47	0.56	0.71	1.55
	额定转速 RPM Rated Speed	1040	452	347	208	165	149	104	95	69	50	42	35	27	10
	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	1250.0	543.5	416.7	250.0	198.4	178.6	125.0	113.6	83.3	59.5	50.0	41.9	32.9	12.5

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
FAFF-N30-V1	6	12500	0.025	10600	0.098	3	0.326	55.5	20	0.5
FAFF-N30-V2	12	12500	0.012	10400	0.05	3	0.320	53.4	18	0.25