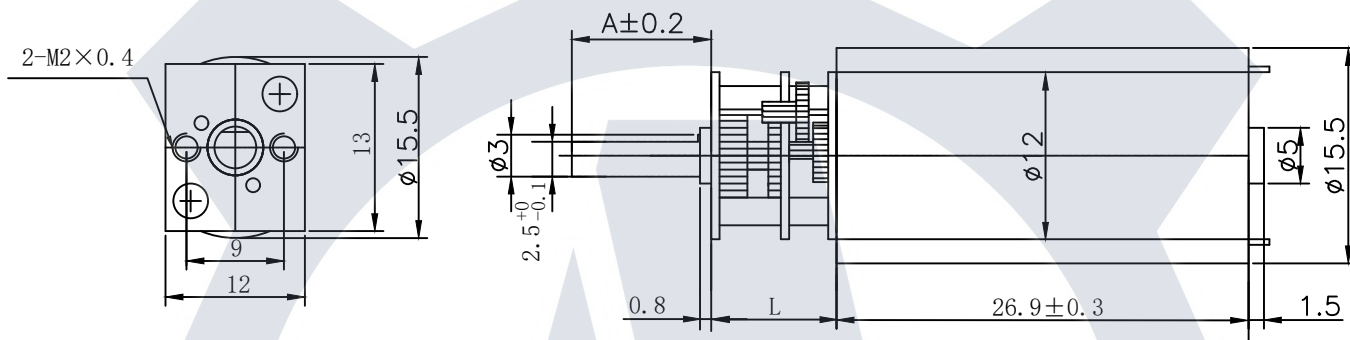


FAGM13-050



Number of stages	2	3	4	5	7
Reduction ratio	6, 9	16, 20, 26, 30	35, 52, 60, 67, 85, 100	118, 150, 170, 215, 250, 288, 297, 330, 360	1000
Gearbox length 'L' mm	11				14.1
Shaft length 'A' mm	Shape: Ø3 D-cut 0.5mm, shape & length customizable.				
Breaking torque(kgf.cm)	0.6	0.9~1.2		1.5~2	3
Gearbox efficiency	81%	73%	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	6	9	16	20	26	30	35	52	60	67	85	100	118	150	170	215	250	297	330	360	1000
5V	额定扭力 kgf.cm Rated Torque	0.01	0.02	0.03	0.04	0.05	0.06	0.06	0.09	0.10	0.11	0.15	0.17	0.18	0.23	0.27	0.34	0.39	0.46	0.51	0.56	1.29
	额定转速 RPM Rated Speed	2617	1744	981	785	604	523	449	302	262	234	185	157	133	105	92	73	63	53	48	44	16
	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	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	空载转速 RPM No Load Speed	2817	1878	1056	845	650	563	483	325	282	252	199	169	143	113	99	79	68	57	51	47	17
4.5V	额定扭力 kgf.cm Rated Torque	0.02	0.04	0.06	0.08	0.10	0.11	0.12	0.18	0.21	0.23	0.29	0.34	0.37	0.47	0.53	0.67	0.78	0.93	1.03	1.12	2.58
	额定转速 RPM Rated Speed	1950	1300	731	585	450	390	334	225	195	175	138	117	99	78	69	54	47	39	35	33	12
	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	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	空载转速 RPM No Load Speed	2316.7	1544.4	868.8	695.0	534.6	463.3	397.1	267.3	231.7	207.5	163.5	139.0	117.8	92.7	81.8	64.7	55.6	46.8	42.1	38.6	13.9

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
		RPM	A	RPM	A	gf.cm	W	%	gf.cm	A
FAFF-050-13125	5	16900	0.11	15700	0.24	2.5	0.403	33.6	33	1.6
FAFF-050-11150	4.5	13900	0.09	11700	0.21	5	0.601	63.6	32	1