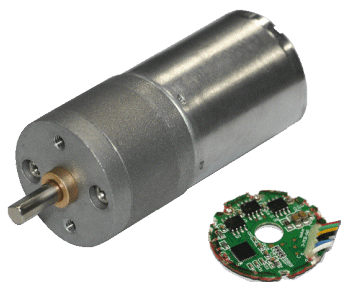
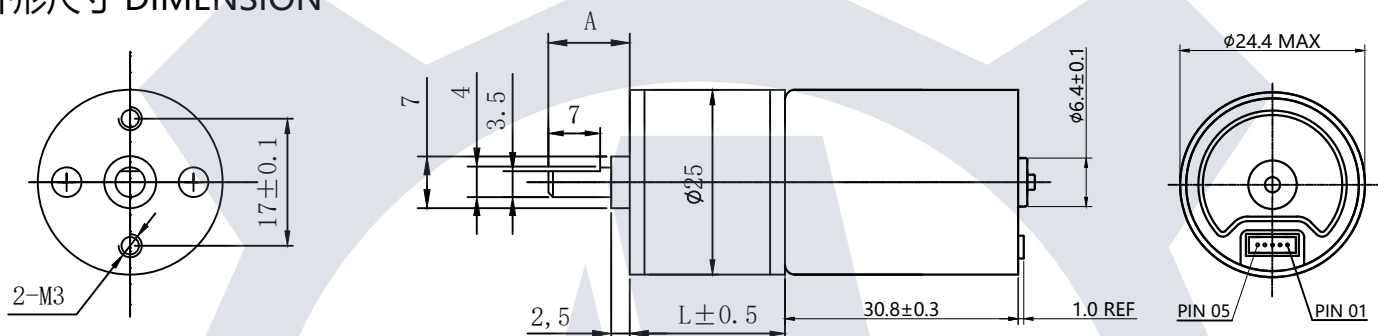


FAGM25-BL2430



Number of stages	2	3	4	5	6	7	8
Reduction ratio	4.4	9.3, 10	16, 20.4, 21, 23	26, 27, 34, 35.5, 45, 47	57, 59, 75, 78, 99, 103	124.7, 130, 165, 172, 217, 227	274.4, 286, 362, 378, 478, 500
Gearbox length 'L' mm	19			21	23	25	27
Shaft length 'A' mm	Shape: Ø4 D-cut 0.5mm, shape & length customizable.						
Breaking torque(kgf.cm)	5	6	8	10	12	14	14
Gearbox efficiency	81%	73%	65%	59%	53%	48%	43%

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			6			7			8		
	减速比 Gear Ratio	4.40	10	16	21	26	35.5	47	59	78	103	130	172	226.8	286	378	500
12V	额定扭力 kgf.cm Rated Torque	0.09	0.19	0.28	0.37	0.42	0.57	0.76	0.86	1.14	1.51	1.73	2.29	3.02	3.47	4.58	6.06
	额定转速 RPM Rated Speed	1193	525	328	250	202	148	112	89	67	51	40	31	23	18	14	11
	瞬间容许扭力 kgf.cm Max Allowable Moment Torque	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
	空载转速 RPM No Load Speed	1386	610	381	290	235	172	130	103	78	59	47	35	27	21	16	12
18V	额定扭力 kgf.cm Rated Torque	0.08	0.17	0.25	0.33	0.37	0.50	0.67	0.76	1.01	1.33	1.52	2.02	2.66	3.05	4.04	5.34
	额定转速 RPM Rated Speed	1068	470	294	224	181	132	100	80	60	46	36	27	21	16	12	9
	瞬间容许扭力 kgf.cm Max Allowable Moment Torque	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
	空载转速 RPM No Load Speed	1227.3	540.0	337.5	257.1	207.7	152.1	114.9	91.5	69.2	52.4	41.5	31.4	23.8	18.9	14.3	10.8

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
FABL2430-V1	12	6100	0.06	5250	0.193	25.77	1.389	60.0	185	1.85
FABL2430-V2	18	5400	0.028	4700	0.102	22.7	1.095	59.7	175	0.9