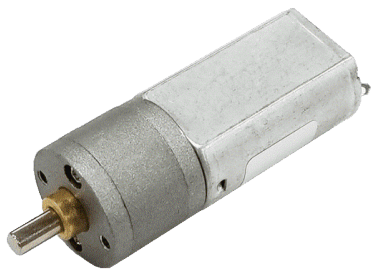
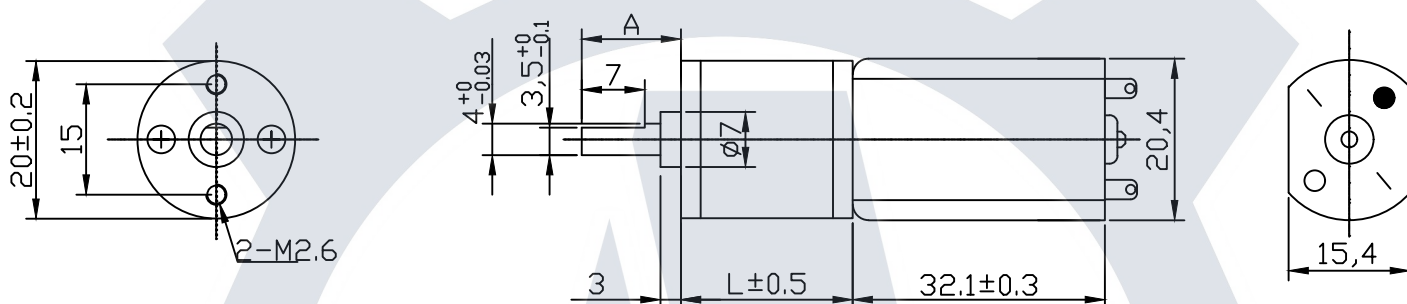


FAGM20-180



Number of stages	3	4	5	6	7
Reduction ratio	9.2, 12.5	25, 31	50, 62.5, 78	100, 125, 156, 195	250, 312.5, 390.6, 488
Gearbox length 'L' mm	15.70	15.70	17.20	18.70	20.2
Shaft length 'A' mm	Shape: Ø4 D-cut 0.5mm, shape & length customizable.				
Breaking torque(kgf.cm)	2	2	4	6	8
Gearbox efficiency	73%	65%	59%	53%	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	3		4		5			6				7			
	减速比 Gear Ratio	9.18	12.5	25	31	50	62.5	78	100	125	156	195	250	312.5	390.6	488
6V	额定扭力 kgf.cm Rated Torque	0.12	0.16	0.29	0.36	0.53	0.66	0.83	0.97	1.21	1.51	1.88	2.20	2.75	3.43	x
	额定转速 RPM Rated Speed	436	320	160	129	80	64	51	40	32	26	21	16	13	10	8
	瞬间容许扭力 kgf.cm Max Allowable Moment Torque	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
	空载转速 RPM No Load Speed	545	400	200	161	100	80	64	50	40	32	26	20	16	13	10
12V	额定扭力 kgf.cm Rated Torque	0.13	0.18	0.33	0.40	0.59	0.74	0.92	1.08	1.35	1.68	2.10	2.45	3.07	3.84	x
	额定转速 RPM Rated Speed	566	416	208	168	104	83	67	52	42	33	27	21	17	13	11
	瞬间容许扭力 kgf.cm Max Allowable Moment Torque	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
	空载转速 RPM No Load Speed	708.1	520.0	260.0	209.7	130.0	104.0	83.3	65.0	52.0	41.7	33.3	26.0	20.8	16.6	13.3

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-180-14205	6	5000	0.065	4000	0.18	17	0.698	64.6	90	0.78
FAFF-180-11310	12	6500	0.04	5200	0.15	19	1.014	56.4	100	0.64