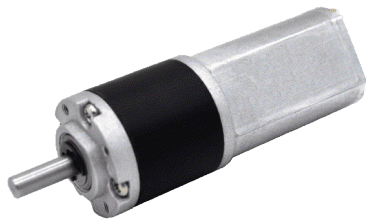
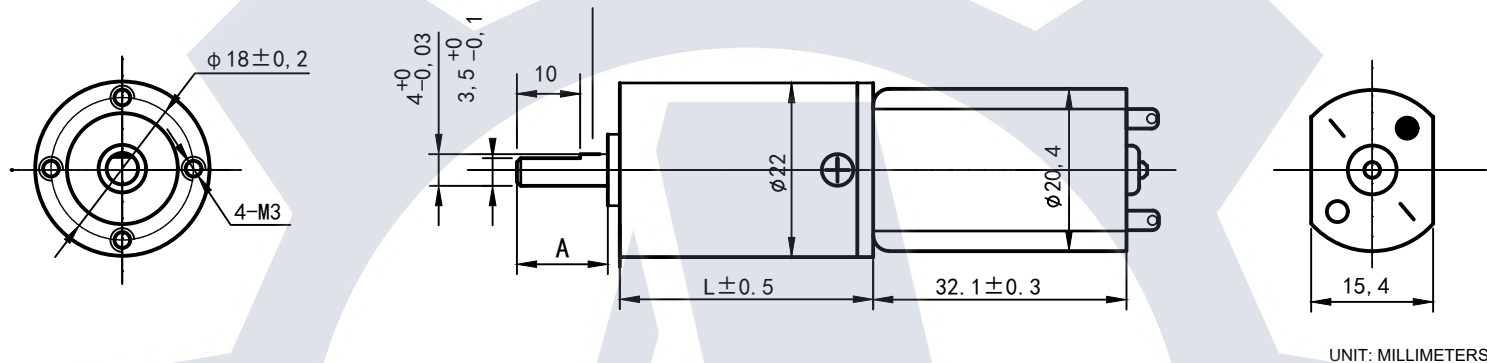


FAPG22-180



Number of stages	1	2	3	4	5
Reduction Ratio(i)	4, 5	16, 19, 23	64, 76, 90, 107	256, 304, 361, 428, 509, 688	1024, 1216, 1444, 1715
Gearbox Length L (mm)	13.3	16.8	20.3	23.8	27.3
Shaft length A (mm)	Length and shape customizable				
Breaking Torque(kgf.cm)	3.0	4.5	9.5	15.5	20
Gearbox Efficiency	80%	70%	60%	50%	40%

外形尺寸 DIMENSION



直流行星减速电机参数 PLANETARY GEARED MICRO DC MOTOR SPECS (voltage, current, torque, etc free customization)

电压 Voltage	减速比 Gear Ratio	1/4	1/5	1/16	1/19	1/23	1/64	1/76	1/90	1/107	1/256	1/304	1/361	1/509
2.4V	额定扭力 kgf.cm Rated Torque	0.06	0.07	0.21	0.25	0.30	0.71	0.84	1.00	1.19	2.37	2.81	3.34	4.71
	额定转速 RPM Rated Speed	1725	1380	431	363	300	108	91	77	64	27	23	19	14
	瞬间容许扭力 kgf.cm Max Allowable Moment Torque	1	1	1.5	1.5	1.5	3.5	3.5	3.5	3.5	12.5	12.5	12.5	12.5
	空载转速 RPM No Load Speed	2075	1660.0	518.8	436.8	360.9	129.7	109.2	92.2	77.6	32.4	27.3	23.0	16.3
12V	额定扭力 kgf.cm Rated Torque	0.05	0.06	0.17	0.20	0.24	0.58	0.68	0.81	0.96	1.92	2.28	2.71	3.82
	额定转速 RPM Rated Speed	1325	1060	331	279	230	83	70	59	50	21	17	15	10
	瞬间容许扭力 kgf.cm Max Allowable Moment Torque	1	1	1.5	1.5	1.5	3.5	3.5	3.5	3.5	12.5	12.5	12.5	12.5
	空载转速 RPM No Load Speed	1625.0	1300.0	406.3	342.1	282.6	101.6	85.5	72.2	60.7	25.4	21.4	18.0	12.8

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
FAFF-180PH-2852	2.4	8300	0.16	6900	0.86	18.5	1.27	61.5	110	4.32
FAFF-180PH-10320	12	6500	0.028	5300	0.12	15	0.82	56.7	81	0.52