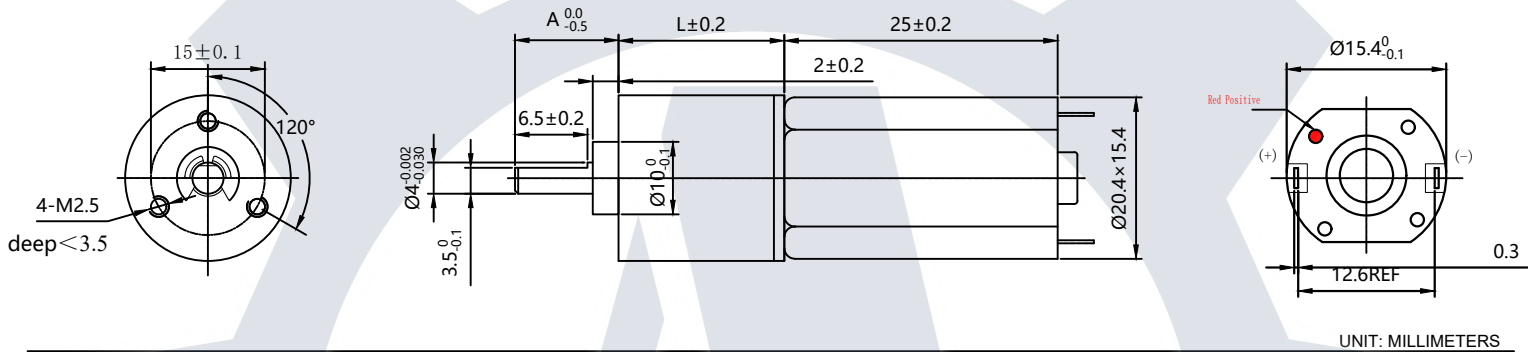


FAPG20-130



Number of stages	1	2	3	4
Reduction Ratio (i)	4.38, 5.4	19, 24, 29	84, 104, 128, 157	370, 455, 560, 690, 850
Gearbox Length L (mm)	14.3	18.5	22.7	26.9
Shaft length A (mm)	Length and shape customizable, normal length A=10			
Breaking Torque(kgf.cm)	3.0	4.5	7.5	10.0
Gearbox Efficiency	80%	70%	60%	50%

外形尺寸 DIMENSION



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

电压 Voltage	级数 number of stages	1					2					3					4				
	减速比 Gear Ratio	1/4.38	1/5.4	1/19	1/24	1/29	1/84	1/104	1/128	1/157	1/370	1/455	1/560	1/690	1/850						
6V	额定扭力 kgf.cm Rated Torque	0.04	0.05	0.17	0.22	0.26	0.70	0.86	1.06	1.30	2.79	3.43	4.22	5.20	6.41						
	额定转速 RPM Rated Speed	1370	1111	316	250	207	71	58	47	38	16	13	11	9	7						
	瞬间容许扭力 kgf.cm Max Allowable Moment Torque	3.0	3.0	4.5	4.5	4.5	7.5	7.5	7.5	7.5	10.0	10.0	10.0	10.0	10.0						
	空载转速 RPM No Load Speed	1644	1333	379	300	248	86	69	56	46	19	16	13	10	8						
12V	额定扭力 kgf.cm Rated Torque	0.05	0.06	0.19	0.24	0.29	0.76	0.94	1.16	1.42	3.04	3.74	4.61	5.68	6.99						
	额定转速 RPM Rated Speed	1370	1111	316	250	207	71	58	47	38	16	13	11	9	7						
	瞬间容许扭力 kgf.cm Max Allowable Moment Torque	3.0	3.0	4.5	4.5	4.5	7.5	7.5	7.5	7.5	10.0	10.0	10.0	10.0	10.0						
	空载转速 RPM No Load Speed	1643.8	1333.3	378.9	300.0	248.3	85.7	69.2	56.3	45.9	19.5	15.8	12.9	10.4	8.5						

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
FF-130-14240	6	7200	0.04	6000	0.18	11	0.678	62.7	68	0.85
FF-130-09450	12	7200	0.02	6000	0.1	12	0.739	61.6	68	0.45