

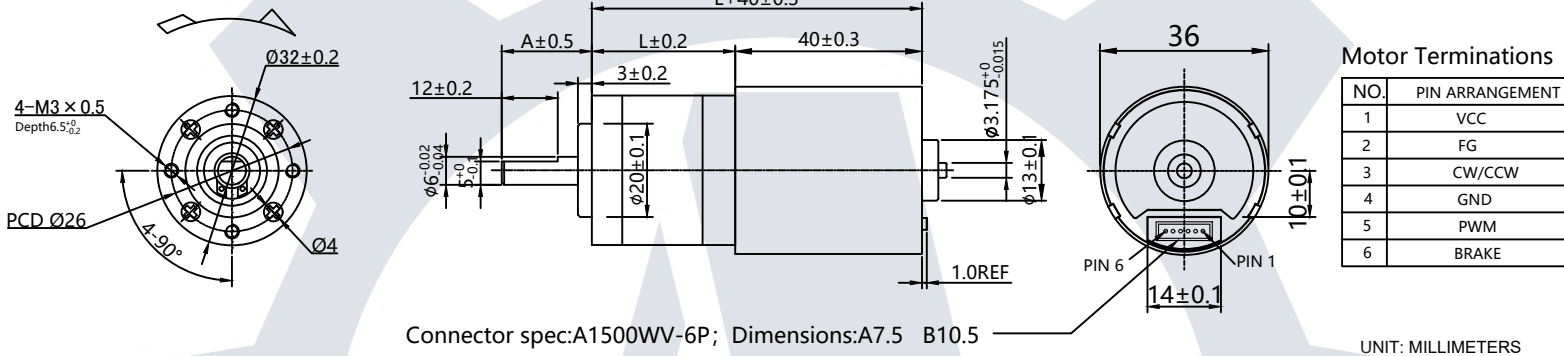
FAPG32-BL3640



Number of stages	1	2	3	4	5
Reduction Ratio(i)	3.4, 4.6	11, 16, 21.5	38, 52, 72, 100	126, 174, 241, 334, 462	424, 586, 810, 1120, 1549
Gearbox Length L (mm)	24.9	30.7	36.5	42.2	48
Shaft length A (mm)	Length and shape customizable				
Breaking Torque(kgf.cm)	6.5	15.5	50	75	75
Gearbox Efficiency	80%	70%	60%	50%	40%

外形尺寸 DIMENSION

DIRECTION OF ROTATION



直流行星减速电机参数 PLANETARY GEARED MICRO BLDC MOTOR SPECS

(voltage, current, torque, etc free customization)

电压 Voltage	减速比 Gear Ratio	1/3	1/5	1/11	1/16	1/21	1/38	1/52	1/72	1/100	1/126	1/175	1/334	1/462
12V	额定扭力 kgf.cm Rated Torque	0.48	0.80	1.54	2.24	2.94	4.56	6.24	8.64	12.01	12.61	17.51	33.42	46.22
	额定转速 RPM Rated Speed	2267	1360	618	425	324	179	131	94	68	54	39	20	15
	瞬间容许扭力 kgf.cm Max Allowable Moment Torque	6.5	6.5	15.5	15.5	15.5	50.0	50.0	50.0	50.0	75.0	75.0	75.0	75.0
	空载转速 RPM No Load Speed	2643	1586.0	720.9	495.6	377.6	208.7	152.5	110.1	79.3	62.9	45.3	23.7	17.2
24V	额定扭力 kgf.cm Rated Torque	0.58	0.96	1.85	2.68	3.52	5.47	7.48	10.36	14.38	15.10	20.97	40.03	55.37
	额定转速 RPM Rated Speed	1349	809	368	253	193	107	78	56	40	32	23	12	9
	瞬间容许扭力 kgf.cm Max Allowable Moment Torque	6.5	6.5	15.5	15.5	15.5	50.0	50.0	50.0	50.0	75.0	75.0	75.0	75.0
	空载转速 RPM No Load Speed	1669.0	1001.4	455.2	312.9	238.4	131.8	96.3	69.5	50.1	39.7	28.6	15.0	10.8

电机参数 MICRO BLDC 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
FABL3640-12	12	7930	0.56	6800	1.89	200.1	13.97	61.6	849	3.1
FABL3640-24	24	5007	0.16	4047	0.52	239.7	9.96	79.8	1250	4.2