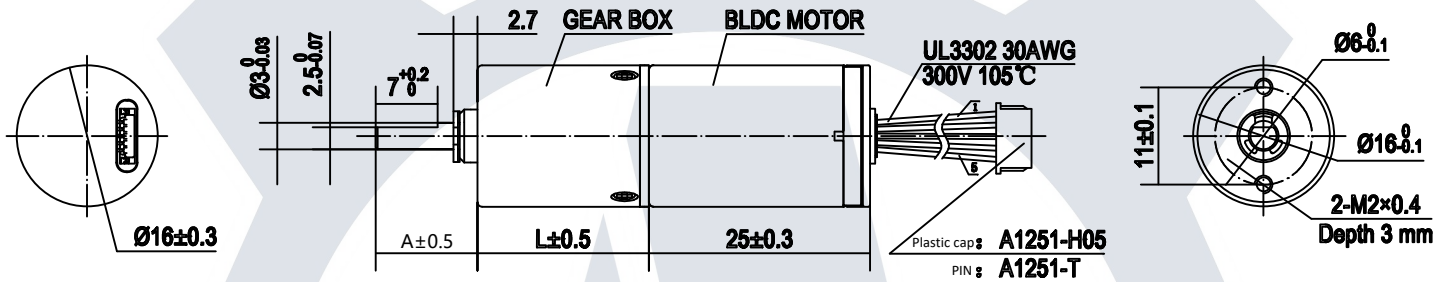


FAPG16-BL1625



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)	12.2	15.8	19.4	23.0	26.6
Shaft length A (mm)	Length and shape customizable				
Breaking Torque(kgf.cm)	3.0	4.5	6.0	7.5	9.0
Gearbox Efficiency	80%	70%	60%	50%	40%

外形尺寸 DIMENSION



UNIT: MILLIMETERS

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
12V	额定扭力 kgf.cm Rated Torque	0.10	0.12	0.34	0.40	0.48	1.15	1.37	1.62	1.93	3.84	4.56	5.42	7.64
	额定转速 RPM Rated Speed	2125	1700	531	447	370	133	112	94	79	33	28	24	17
	瞬间容许扭力 kgf.cm Max Allowable Moment Torque	1.5	1.5	2.0	2.0	2.0	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
	空载转速 RPM No Load Speed	2750	2200.0	687.5	578.9	478.3	171.9	144.7	122.2	102.8	43.0	36.2	30.5	21.6
24V	额定扭力 kgf.cm Rated Torque	0.1	0.1	0.4	0.4	0.5	1.2	1.5	1.8	1.8	4.2	5.0	6.0	8.4
	额定转速 RPM Rated Speed	2125	1700	531	447	370	133	112	94	79	33	28	24	17
	瞬间容许扭力 kgf.cm Max Allowable Moment Torque	1.5	1.5	2.0	2.0	2.0	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
	空载转速 RPM No Load Speed	2750.0	2200.0	687.5	578.9	478.3	171.9	144.7	122.2	102.8	43.0	36.2	30.5	21.6

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
FABL1625-V1	12	11000	0.08	8500	0.45	30	2.62	48.48	120	0.155
FABL1625-V2	24	11000	0.03	8500	0.255	30	2.62	42.81	120	0.83