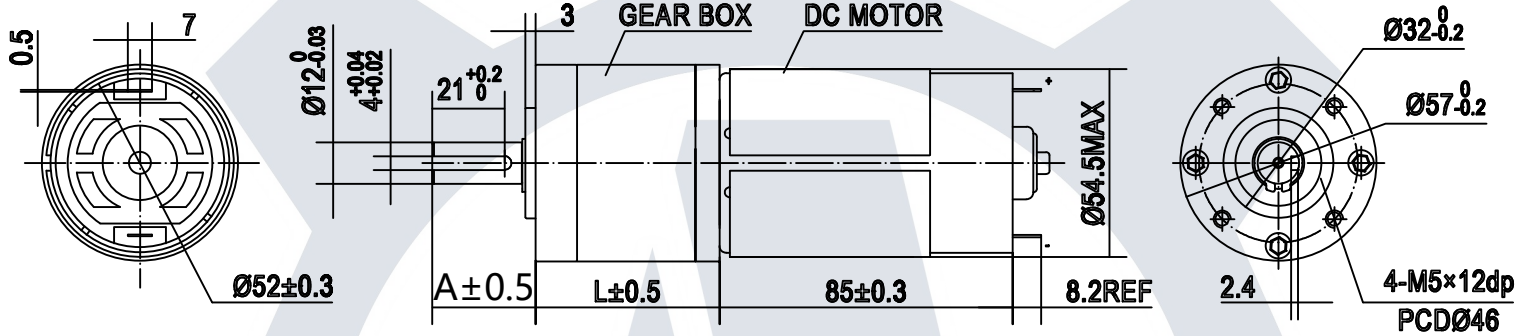


# FAPG57-997



Number of stages	1	2	3	4	5
Reduction Ratio( i )	4, 5	12, 16, 23	43, 49, 58, 67, 76, 90, 107	150, 172, 204, 276, 375, 429	525, 713, 967, 1313, 1782, 2418
Gearbox Length L (mm)	37.8	49.3	60.8	72.3	75.0
Shaft length A (mm)	Length and shape customizable				
Breaking Torque(kgf.cm)	40	90	300	450	450
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	1/12	1/16	1/23	1/43	1/58	1/76	1/107	1/150	1/204	1/276	1/429
12V	额定扭力 kgf.cm Rated Torque	5.10	6.38	13.40	17.86	25.68	41.15	55.51	72.73	102.40	119.63	162.69	220.11	342.13
	额定转速 RPM Rated Speed	1300	1040	433	325	226	121	90	68	49	35	25	19	12
	瞬间容许扭力 kgf.cm Max Allowable Moment Torque	35.0	35.0	125.0	125.0	125.0	450.0	450.0	450.0	450.0	450.0	450.0	450.0	450.0
	空载转速 RPM No Load Speed	1500	1200.0	500.0	375.0	260.9	139.5	103.4	78.9	56.1	40.0	29.4	21.7	14.0
24V	额定扭力 kgf.cm Rated Torque	4.56	5.70	11.98	15.97	22.96	36.79	49.62	65.03	91.55	106.95	145.45	196.79	305.88
	额定转速 RPM Rated Speed	1350	1080	450	338	235	126	93	71	50	36	26	20	13
	瞬间容许扭力 kgf.cm Max Allowable Moment Torque	35.0	35.0	125.0	125.0	125.0	450.0	450.0	450.0	450.0	450.0	450.0	450.0	450.0
	空载转速 RPM No Load Speed	1500.0	1200.0	500.0	375.0	260.9	139.5	103.4	78.9	56.1	40.0	29.4	21.7	14.0

## 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
FARS-997-V1	12	6000	2.5	5200	12.8	1595	85.2	55.4	13938	97.5
FARS-997-V2	24	6000	1.3	5400	6	1426	79.1	54.9	13304	48.2