



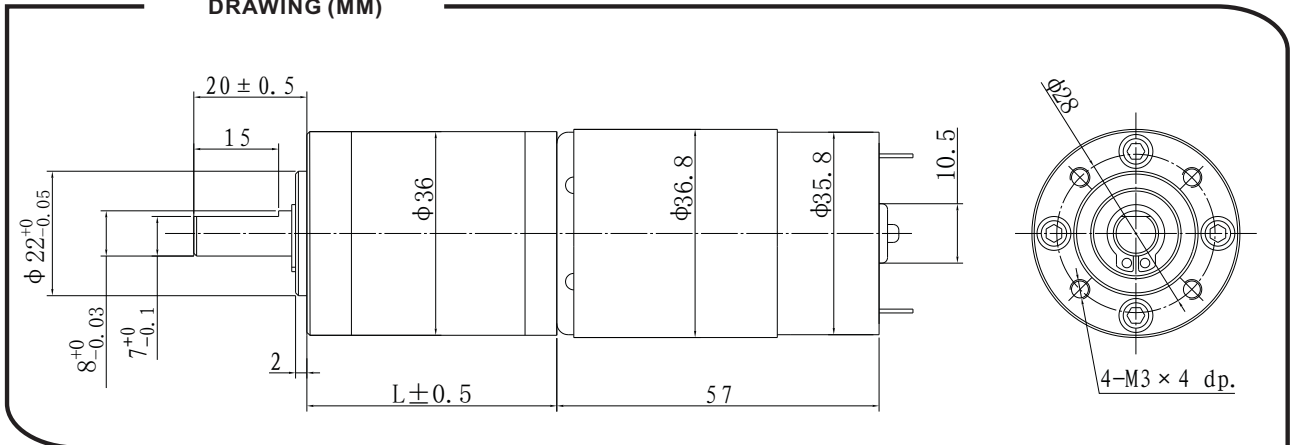
DS-36RP555 DC PLANETARY GEAR MOTOR

基本电压/Main voltage: 3VDC, 6VDC, 12VDC, 24VDC

典型应用/Typical applications:

光学设备、摄像机、电子锁、自动节能浴具、水IC卡、玩具和礼品、办公设备、家用电器、自动执行机构
Optical equipment, CCTV camera, electric lock, automatic bath necessities, water IC Card, toys and gifts, office equipments, household appliances, automatic actuator

DRAWING (MM)



齿轮箱参数/Gearbox data:

段数 Number of stage	1	2	3	4	5
减速比 Reduction ratio	3.7, 5.2	14, 19, 27	51; 71, 100; 139	189, 264; 369, 515, 721	977, 1367, 1910, 2671, 3736
齿轮箱长度 Gearbox length "L" mm	26.5	34.5	42.5	50.5	58.5
额定扭矩 Rated torque(Kgf.cm)	6	10	15 ; 20 ; 25	30 ; 45	45
破坏扭矩 Breaking torque(Kgf.cm)	10	18	25 ; 35 ; 45	50 ; 60	60
齿轮箱效率 Gearbox efficiency	91%	81%	72%	65%	59%

电机参数/Motor data:

电机型号 Motor model	额定电压 Rated Volt.	空载/No load		负载/Load				堵转/Stall	
		电流	转速	电流	转速	扭矩	功率	扭矩	电流
		Current	Speed	Current	Speed	Torque	Power	Torque	Current
	V	mA	r/min	mA	r/min	gf · cm	W	gf · cm	mA
DS-555123000	12	≤140	3000	≤800	2200	150	3.3	600	3000
DS-555124500	12	≤220	4500	≤1200	3300	220	7.2	880	4800
DS-555126000	12	≤350	6000	≤2000	4500	300	13.5	1200	6000
DS-555243000	24	≤70	3000	≤400	2200	150	3.3	600	1600
DS-555244500	24	≤110	4500	≤600	3300	220	7.2	880	3000
DS-555246000	24	≤180	6000	≤1000	4500	300	13.5	1200	4000

齿轮箱电机输出扭矩: 电机输出扭矩 x 减速比 x 齿轮箱效率; 齿轮箱电机输出转速: 电机输出转速 / 减速比。
Output torque of gear motor : Output torque of motor x Reduction ratio x Gearbox efficiency;
Output speed of gear motor: Output speed of motor / Reduction ratio.