

DS-42RP775 DC PLANETARY GEAR MOTOR

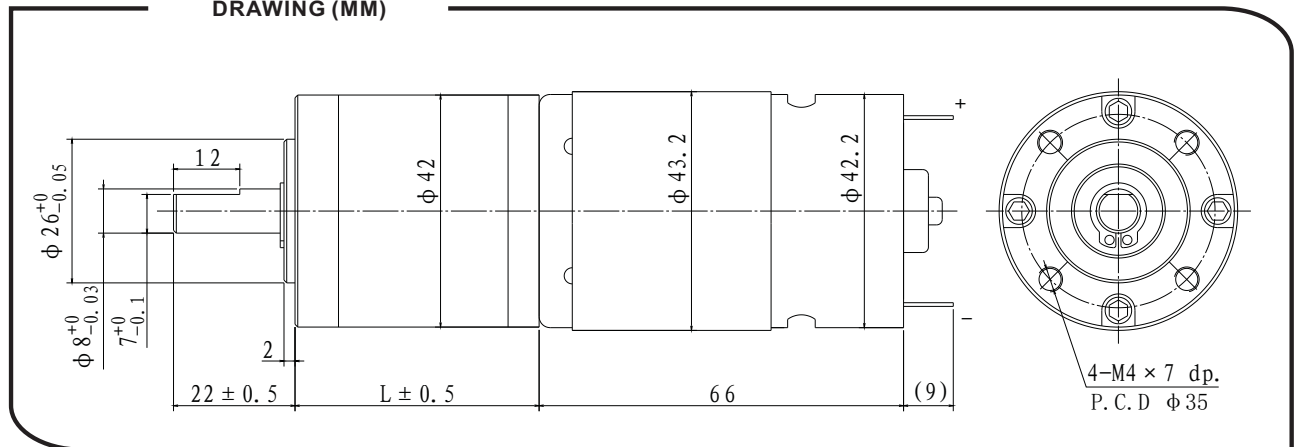
基本电压/Main voltage: 6VDC, 12VDC, 24VDC

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		
减速比 Reduction ratio	3.7, 5	13, 18, 25	49	67	92, 125
齿轮箱长度 Gearbox length "L" mm	33.5	43.5	53.5	53.5	53.5
额定扭矩 Rated torque(Kgf.cm)	8	15	25	30	40
破坏扭矩 Breaking torque(Kgf.cm)	15	25	40	50	60
齿轮箱效率 Gearbox efficiency	90%	81%	72%	72%	65%

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	A	r/min	A	r/min	gf · cm	W	gf · cm	A
DS-7750123000	12	≤0.22	3000	≤1	2200	350	7	1400	3.5
DS-7750124500	12	≤0.45	4500	≤2	3300	500	16.5	2000	6.5
DS-7750126000	12	≤0.9	6000	≤4	4500	750	34	3000	13
DS-7750243000	24	≤0.11	3000	≤0.5	2200	350	7.7	1400	1.8
DS-7750244500	24	≤0.23	4500	≤1	3300	500	16.5	2000	3.3
DS-7750246000	24	≤0.45	6000	≤2	4500	750	34	3000	7

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.