

B4275G

Output Power 输出功率: 10W~45W

Weight 重量: 450g (Approx.)

Brushless DC Gear Motor-Typical Application 无刷直流减速电机-典型应用

Home Application: Electric Door, Electric Window, Electric Curtain, Electric Awning

家用电器: 电动门, 电动窗, 电动窗帘, 电动遮阳棚

Industry Facility: Transmission Equipment, Gear System, Actuator

工业设备: 传动机械, 齿轮系统, 致动器

Electronic Equipment: Electric Valve, Switcher, Lighting Adjustor, Small Percussion Drill

电控设备: 电动阀门, 切换器, 灯光调节器, 电动扳手

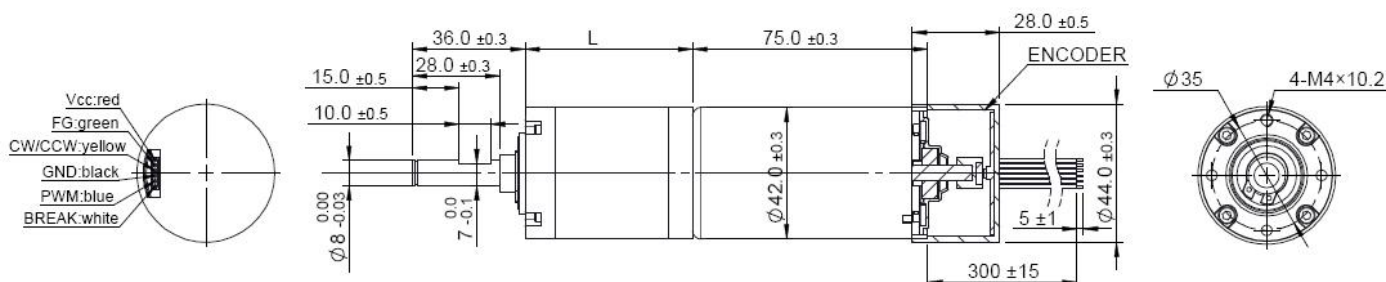
Business Equipment: Electric Gate, Banking Facility, ATM, Vending Machine

商业设备: 电动门禁, 银行设施, ATM 机, 售卖机

Personal Care: Massager 个人护理: 按摩器



Outline Drawing 外形图: Unit: Millimeter



Torque & Speed List: 力矩和转速列表

电机型号	减速比	6	17	36	75	104	144	216	451	864	1410
B4275G-S01 (12V-2510)	空载转速 (r/min)	418	148	70	33	24	17	12	6	3	2
	负载转速 (r/min)	218	77	36	17	13	9	6	3	2	1
	负载力矩 (N-m)	0.517	1.28	1.96	3.92	3.92	3.92	4.9	4.9	4.9	4.9
B4275G-S02 (18V-3790)	空载转速 (r/min)	631	223	105	50	36	26	17	8	4	3
	负载转速 (r/min)	488	172	81	39	28	20	13	6	3	2
	负载力矩 (N-m)	0.403	0.999	1.96	3.78	3.92	3.92	4.9	4.9	4.9	4.9
B4275G-S03 (24V--5000)	空载转速 (r/min)	832	294	138	66	48	35	23	11	6	4
	负载转速 (r/min)	599	211	100	48	35	25	17	8	4	3
	负载力矩 (N-m)	0.47	1.16	1.96	3.92	3.92	3.92	4.9	4.9	4.9	4.9

Gear Box Characteristic 齿轮箱特征:

Material 外壳材质	Metal
Bearing Type 轴承类型	Ball bearings
Radial Force 径向力	≤8 Kgf
Axial Force 轴向力	≤3 Kgf
Max. Pushing force at shaft 主轴最大承受压入力	≤15 Kgf
Radial Clearance 径向间隙	≤0.05 mm
Axial Clearance 轴向间隙	≤0.30 mm

Reduction Ratio 减速比	L	Reducer Series 减 速等级	Rated Torque 额定力矩	
	mm		N-m	Kgf-cm
1/6	33.5	1	0.49	5
1/17,1/36	42	2	1.96	20
1/75,1/104,1/144	50.5	3	3.92	40
1/216,1/451, 1/864	59	4	4.9	50
1/1410	67.5	5	4.9	50

Notice: Data in this typical specification sheet are for other certain customer. Voltage, rated torque, speed, current, power and shaft extension feature & dimension can be changed to meet customer specific requirement.

注意: 上述规格仅针对特定客户, 电压、扭矩、转速、电流、功率、输出轴的特征和尺寸等都可以按照客户的特殊要求进行调整。

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