

Twirl Motor

直流行星减速电机

Planetary gear DC motor PG32GR

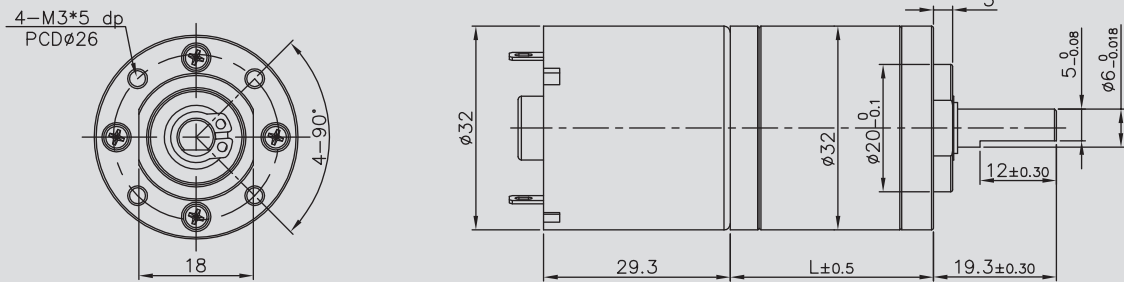
适用范围/Scope of application

机器人 | 微型数控设备 | 自动取款机 | 柔巾机 | 遥控窗帘 | 舞台灯光
电动广告 | 家用电器 | 电视支架 | 自动执行器 | 可调价望远镜 等等

Robot | Micro CNC Equipment | Automated Teller Machine | Soft
Tissue Machine | Remote Control Curtains | Stage Lighting | Electric
Advertising | Home Appliances | TV Stand | Auto Actuator |
Adjustable Price Telescope, etc.



外形尺寸图/Appearance size



减速箱清单/Gearbox data

级数 Number of stages	1	2	3	4	5
减速比 Reduction ratio	3.3,4.6	11.2,15.5,21.5	37.7,52.1,72,100	126,174,241,334,462	423,585,810,1120,1549,2142
齿轮箱长度 Gearbox length "L" mm	20.7	26.4	32.2	38	43.8
额定扭矩 Running torque	10.0kgf · cm	20.0kgf · cm	50.0kgf · cm	50.0kgf · cm	50.0kgf · cm
损坏扭矩 Gear breaking torque	30.0kgf · cm	60.0kgf · cm	150.0kgf · cm	150.0kgf · cm	150.0kgf · cm
效率 Gearing efficiency	90%	81%	73%	65%	59%

马达清单/Motor data

马达型号 Motor type	额定电压 Rated volt (V)	空载转速 No load speed (rpm)	空载电流 No load current (mA)	额定转速 Rated speed (rpm)	额定电流 Rated current (mA)	额定扭矩 Rated torque (gf.cm)	额定功率 Rated output (W)	堵转扭矩 Stall torque (gf.cm)	堵转电流 Stall current (A)
GR123400	12	3400	≤70	2950	≤140	30	0.9	242	≤0.76
GR127000	12	7000	≤140	5650	≤614	79.7	4.6	472	≤3.03
GR124500	12	4500	≤100	3600	≤260	48.9	1.8	261	≤1.1
GR244500	24	4500	≤60	3670	≤131	47.6	1.8	281	≤0.59
GR247000	24	7000	≤85	6000	≤280	70.6	4.4	455	≤1.54
ZY31126000	12	6000	≤220	4500	≤1200	110	8.0	700	≤5
ZY31246000	24	6000	≤130	4500	≤650	200	8.0	700	≤2.6

注：减速后的输出扭矩=马达扭矩×减速比×齿轮箱效率；输出转速=马达转速/减速比；马达曲线图详见55、58、63页
本公司可定做各种非标产品，如有需要请来电咨询。

Note: Output torque after deceleration = motor torque X reduction ratio X gearing efficiency;
Output speed = motor speed / reduction ratio; Motor performance curve is shown on Page 48、58、63
Our company can customize a variety of non-standard products, please contact us.

○ 以上参数仅供参考，具体以实物为准。
The above parameters are for reference only.