

# Twirl Motor

## 直流无刷行星减速电机 Planetary gear BLDC motor PG28BL28

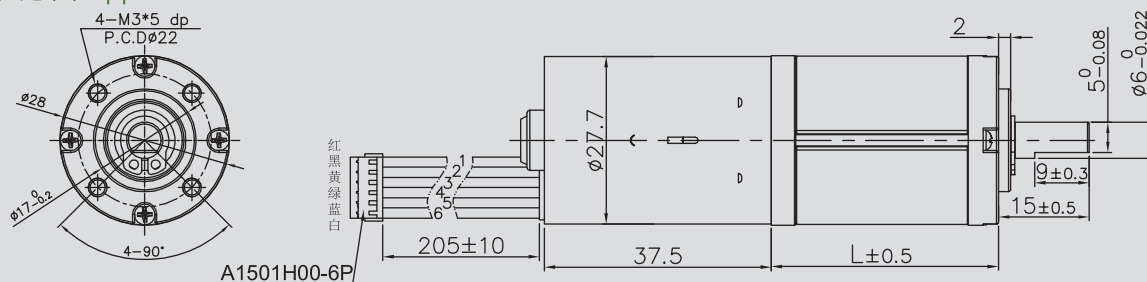
适用范围/Scope of application

蠕动泵 | 微型数控设备 | 自动取款机 | 出卡机 | 遥控窗帘 | 太阳能油印机 | 家用电器 | 办公设备 | 自动执行器 等等。

Peristaltic pump | Miniature CNC equipment | Automated teller machine | Card dispenser | Remote control curtain | Solar energy | Mimeograph | Household appliances | Office equipment | Automatic actuators, 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	20.2	25.9	31.7	37.5	43.3
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	20.0kgf · cm	600.0kgf · 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)
BL28126000	12	6000	≤120	5100	≤553	84	4.73	500	≤2.7
BL28246000	24	6000	≤65	5170	≤266	77	4.08	559	≤1.5

注：减速后的输出扭矩=马达扭矩X减速比X齿轮箱效率；输出转速=马达转速/减速比；马达曲线图详见62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 62  
Our company can customize a variety of non-standard products, please contact us.

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