

# Twirl Motor

## 直流行星减速电机 Planetary gear DC motor PG56ZY58

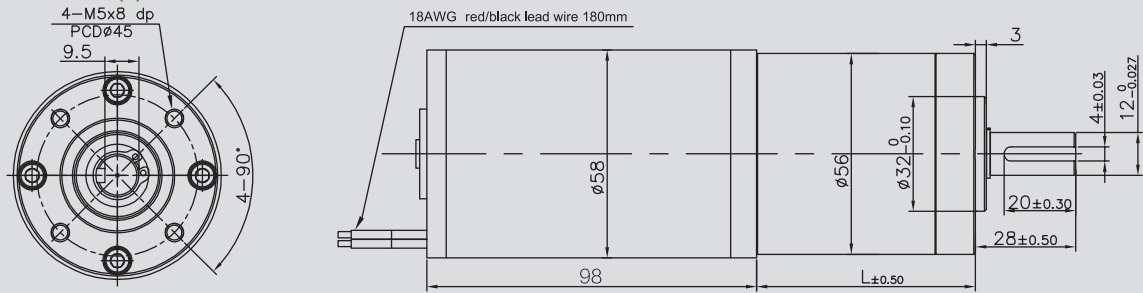
适用范围/Scope of application

医疗器械 | 自动售货机 | 纺织机 | 地铁广告牌 | 点钞机  
自动门 | 覆膜机 | 碎纸机 | 办公设备 | 家用电器 等等

Medical Equipment | Vending Machine | Textile Machine | Subway  
Billboard | Banknote Counter | Automatic door | laminating machine  
shredder | office equipment | household appliances 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	3.6,4.3	13,15.3,19.2	46.7,69,102,121	198,276,326,409,513	846,995,1567,1966,2321,3439
齿轮箱长度 Gearbox length "L" mm	32.1	46.0	59.9	73.8	90.2
额定扭矩 Running torque	100.0kgf · cm	200.0kgf · cm	400.0kgf · cm	400.0kgf · cm	400.0kgf · cm
损坏扭矩 Gear breaking torque	300.0kgf · cm	600.0kgf · cm	1200.0kgf · cm	1200.0kgf · cm	1200.0kgf · 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)
ZY58123000	12	3000	≤444	2600	≤3290	1508	38.1	7594	≤21.1
ZY58243000	24	3000	≤252	2605	≤6252	1562	39.5	8392	≤12.4

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61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 61  
Our company can customize a variety of non-standard products, please contact us.

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