

Twirl Motor

直流行星减速电机

Planetary gear DC motor PG22M180

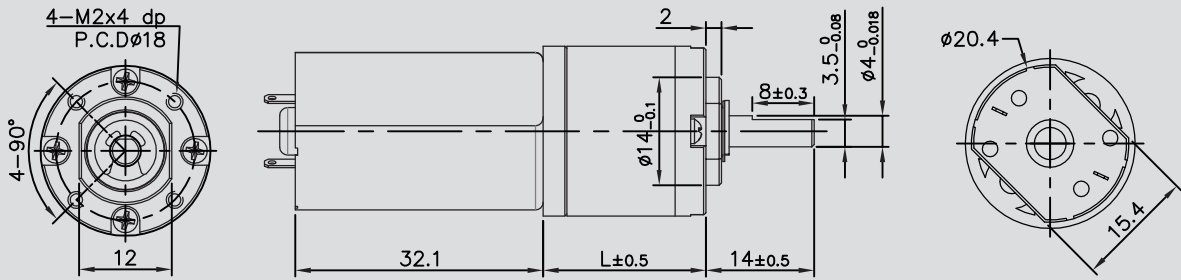
适用范围/Scope of application

光学仪器 | 调教照相机 | 指纹锁 | 美容卷发器 | 水表IC卡 | 玩具礼品
办公设备 | 家用电器 | 自动执行器 等等。

Optical instruments | Tune camera | Fingerprint lock | Beauty
curler | Water meter IC card | Toy gift | Office equipment |
Household appliances | 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	3.5,4	12.3,16,19	42.8,64,90	150,256,304,361,428	712,1024,1263,1444,1500,2036
齿轮箱长度 Gearbox length "L" mm	13.9	17.5	21.0	24.7	28.3
额定扭矩 Running torque	1.0kgf · cm	2.0kgf · cm	4.0kgf · cm	4.0kgf · cm	4.0kgf · cm
损坏扭矩 Gear breaking torque	3.0kgf · cm	6.0kgf · cm	12.0kgf · cm	12.0kgf · cm	12.0kgf · 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 (mA)
F-180129000	12	9000	≤58	7200	≤300	25.00	1.81	100	≤950
F-1801215000	12	15000	≤120	12494	≤600	35.28	4.49	210	≤3000
F-180249000	24	9000	≤25	7416	≤110	23.01	1.74	130	≤550
F-1802415000	24	15000	≤55	12660	≤290	34.54	4.45	220	≤1600
2238126000	12	6000	≤120	4800	≤350	49.2	2.42	248	≤1360
2238246400	24	6400	≤62	5388	≤186	49.6	2.74	317	≤950

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51、52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 51、52
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.