

## DM5025

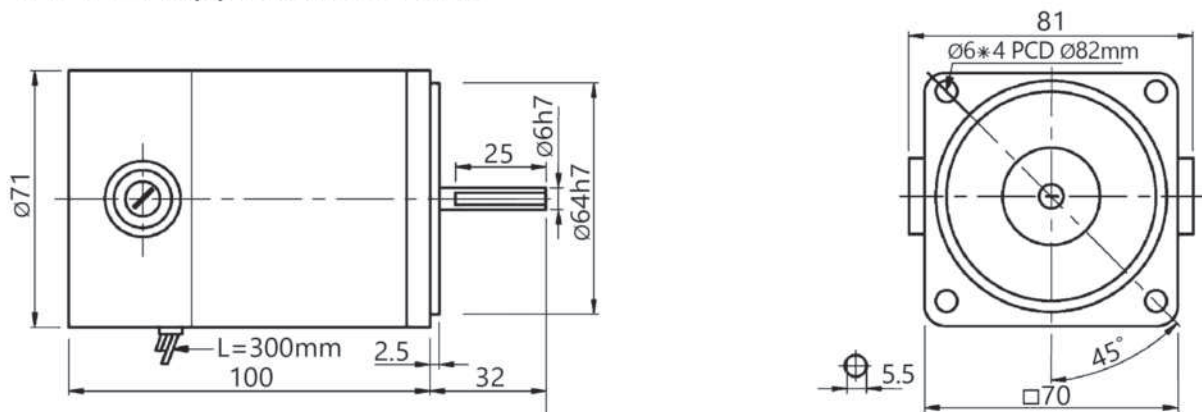
|                                  |                      |
|----------------------------------|----------------------|
| 額定電壓 Rated voltage               | DC12 / DC24 / DC90 V |
| 額定轉速 Rated R.P.M                 | 2000 / 3200 r\min    |
| 額定輸出 Rated output power          | 15 / 25 W            |
| 重量 Weight                        | 1080 g               |
| 齒輪箱搭配 Gear head match            | IG-71R / IG-70S      |
| 轉向 Direction                     | CW / CCW             |
| 噪音 Noise                         | 50cm - 50db          |
| 使用溫度 / 溼度 Using temp. / humidity | -15C~60C / RH85%↓    |
| 防護等級 Grade of protection         | IP545                |
| 絕緣等級 Insulation class            | E                    |
| 絕緣抗壓 Voltage resistance          | 500V/3mA - 60sec     |
| 絕緣阻抗 Insulation resistance       | 10MΩ>                |

## 規格表 Specification

### 馬達規格 / Motor Specifications

| 馬達規格 / Motor Specifications              | V        | 12    |       | 24   |       | 90   |      |
|--|----------|-------|-------|------|-------|------|------|
| 額定電壓 Rated voltage                       | V        | 12    |       | 24   |       | 90   |      |
| 空載轉速 No load R.P.M                       | R.P.M.   | 2000  | 3200  | 2000 | 3200  | 2000 | 3200 |
| 額定功率 Rated power                         | W        | 15    | 25    | 15   | 25    | 15   | 25   |
| 停動扭力 Stall torque                        | kgf-cm   | 5.81  | 8.07  | 7.47 | 9.83  | 8.89 | 11.2 |
| 空載電流 No load current                     | A        | 0.47  | 0.95  | 0.38 | 0.69  | 0.19 | 0.21 |
| 啟動電流 Starting current                    | A        | 9.45  | 8.51  | 6.63 | 1.63  | 1.93 | 3.81 |
| 最大容許迴轉速 Max. permissible speed           | R.P.M.   | 2400  | 3800  | 2400 | 3800  | 2400 | 3800 |
| 額定電流 Rated current                       | A        | 2.05  | 3.40  | 1.03 | 1.66  | 0.28 | 0.44 |
| 額定扭力 Rated torque                        | kgf-cm   | 0.87  | 0.86  | 0.81 | 0.81  | 1.05 | 0.82 |
| 額定電壓時最大功率 Rated voltage max power        | W        | 22.5  | 37.5  | 22.5 | 37.5  | 22.5 | 37.5 |
| 最大效率 Max efficiency                      | %        | 61%   | 60%   | 59%  | 60%   | 58%  | 59%  |
| 扭力係數 Torque constant                     | kgf-cm/A | 0.42  | 0.25  | 0.78 | 0.48  | 3.75 | 1.86 |
| 端子間阻抗 Terminal resistance phase to phase | Ohm      | 1.27  | 1.41  | 3.62 | 1.47  | 46.5 | 23.6 |
| 端子間電感抗 Terminal inductance between phase | Mh       | 1.68  | 0.68  | 6.97 | 2.51  | 117  | 52.4 |
| 轉速電壓係數 Speed constant                    | rpm/V    | 166.7 | 266.7 | 83.3 | 133.3 | 22.2 | 35.6 |

## 尺寸圖 Appearance size



## 動力測試圖 R.P.M performace curve

