

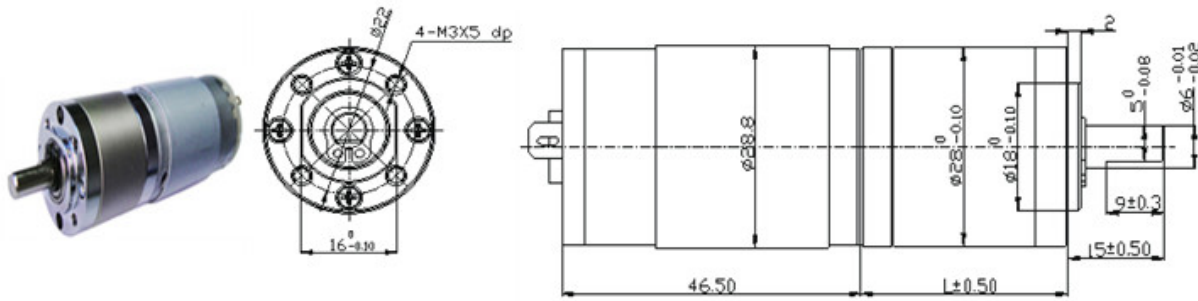
DC Planetary Gear Motor FF-28Z395 / 直流行星減速電機FF-28Z395

Typical Applications ATM bank automatic system, Peristaltic pump,
Auto shutter, Mimeograph, Binding machine
Micro CNC, Automatic actuator

典型應用

ATM機自動系統, CNC機器, 自動鎖

Outline Drawing/外形圖



FF-28Z395 Series / FF-28Z395 系列

Motor data (25°C) / 運行參數 (25°C)

| Motor name | Rated Volt. V | No load | | Load torque | | | | Stall torque | |
|----------------|---------------|----------------|-------------|-------------|-------------|--------------|----------------|--------------|------------|
| | | Current mA | Speed r/min | Current mA | Speed r/min | Torque gf·cm | Output power W | Torque gf·cm | Current mA |
| | | RS-395 123 000 | 12 | ≤60 | 3000 | ≤250 | 2200 | 65 | 1.4 |
| RS-395 124 500 | 12 | ≤90 | 4500 | ≤430 | 3300 | 80 | 2.6 | 320 | 1400 |
| RS-395 126 000 | 12 | ≤130 | 6000 | ≤750 | 4500 | 105 | 4.7 | 420 | 2600 |
| RS-395 243 000 | 24 | ≤40 | 3000 | ≤120 | 2200 | 65 | 1.4 | 260 | 400 |
| RS-395 244 500 | 24 | ≤50 | 4500 | ≤220 | 3300 | 80 | 2.6 | 320 | 700 |
| RS-395 246 000 | 24 | ≤70 | 6000 | ≤380 | 4500 | 105 | 4.7 | 420 | 1400 |

- This table lists some motors parameters, others please refer to specific parameters of Page 144.
- After connecting motor and gearbox which is named gearmotor the output torque: motor torque X reduction ratio X gearing efficiency; output speed: motor speed / reduction ratio.

GEAR MOTOR TORQUE/SPEED:

| Number of stages | 1 stages reduction | 2 stages reduction | 3 stages reduction | 4 stages reduction | 5 stages reduction |
|---------------------------|--------------------|--------------------|----------------------|-------------------------|--------------------|
| Reduction ratio | 3.4, 4.6 | 11.2, 15.5, 21.4 | 37.6, 52, 71.8, 99.3 | 126, 174, 241, 333, 460 | 422, 583, 806 |
| Gearbox length "L" mm | 20.2 | 25.9 | 31.7 | 37.5 | 43.3 |
| Max. Running torque | 2.0Kgf·cm | 3.0Kgf·cm | 4.0Kgf·cm | 6.0Kgf·cm | 10 Kgf·cm |
| Max. Gear breaking torque | 6.0Kgf·cm | 9.0Kgf·cm | 12Kgf·cm | 18Kgf·cm | 30 Kgf·cm |
| Max. Gearing efficiency | 90% | 81% | 73% | 65% | 59% |

Additional information/其它相關信息

- Motor parameters can be made according to the request of customer/馬達參數可根據客人要求制作



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