

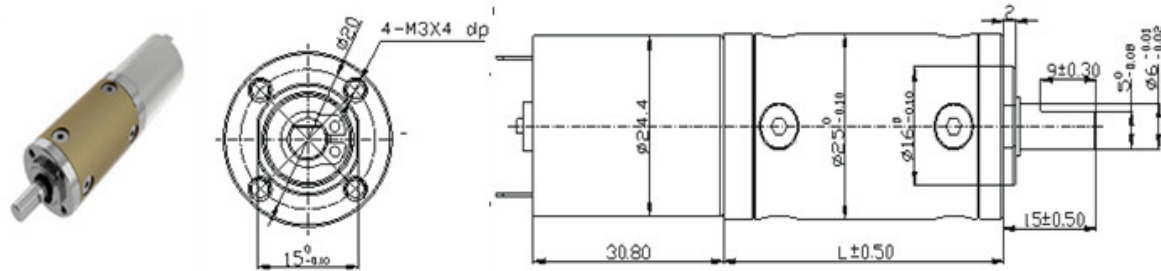
# DC Planetary Gear Motor FF-25Z370 / 直流行星減速電機FF-25Z370

**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-25Z370 Series /FF-25Z370 系列

## Motor data (25℃)/運行參數 (25℃)

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
		RF-370063000	6	≤15	3000	≤100	2200	15	0.33
RF-370064500	6	≤25	4500	≤270	3300	24	0.8	90	1200
RF-370066000	6	≤40	6000	≤500	4500	30	1.4	120	1900
RF-370123000	12	≤15	3000	≤55	2200	15	0.33	60	280
RF-370126000	12	≤20	6000	≤250	4500	30	1.4	120	1200
RF-370246000	24	≤30	6000	≤130	4500	30	1.4	120	550

1. This table lists some motor's parameters, others please refer to specific parameters of Page 111.  
2. After connecting motor and gearbox which is named gear motor 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	4stages reduction	5stages reduction
Reduction ratio	3.6, 4.3	13, 15.3, 18	46.7, 55, 65, 76.8,	168, 198, 234, 276, 326	605, 714, 843,995
Gear box length "L" mm	18.3	25	30.8	36.6	42.4
Max. Running torque	2.0Kgf·cm	3.0Kgf·cm	4.0Kgf·cm	6.0Kgf·cm	10Kgf·cm
Max. Gear breaking torque	6.0Kgf·cm	9.0Kgf·cm	12Kgf·cm	18Kgf·cm	30Kgf·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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