

## RMD-FLO系列产品命名规则

RMD-FLO SERIES NAMING CONVENTIONS

**RMD-FLO-70-15-200**

① ② ③ ④ ⑤

- ① 品牌名称: RMD (Reducer Motor Drive)  
Brand Name R-Reducer M-Motor D-Drive
- ② FLO代表系列名: 外转子无框力矩电机模组  
FLO Stands For The Series Name: Outer rotor frameless torque motor Actuator
- ③ 转子外径70  
Rotor outer diameter
- ④ 定子叠高15  
Stator stack height
- ⑤ 额定功率 200W  
Rated power 200W

例如 For example

型号 RMD-FLO-90-15-400

说明  
RMD: 品牌名  
FLO: 外转无框力矩系列  
90: 转子外径  
15: 定子叠高  
400: 额定功率

Model RMD-FLO-90-15-400

Illustrate  
RMD: Brand Name  
FLO: External Rotating Frameless Torque Series  
90: Rotor outer diameter  
15: Stator stack height  
400: Rated power

外转子无框力矩电机模组  
Outer rotor frameless torque motor module

# FLO系列 无框电机

## Frameless Motor

真空灌封 | 散热佳 | 高效率 | 大功率

Vacuum potting | Good heat dissipation | High efficiency | High Power

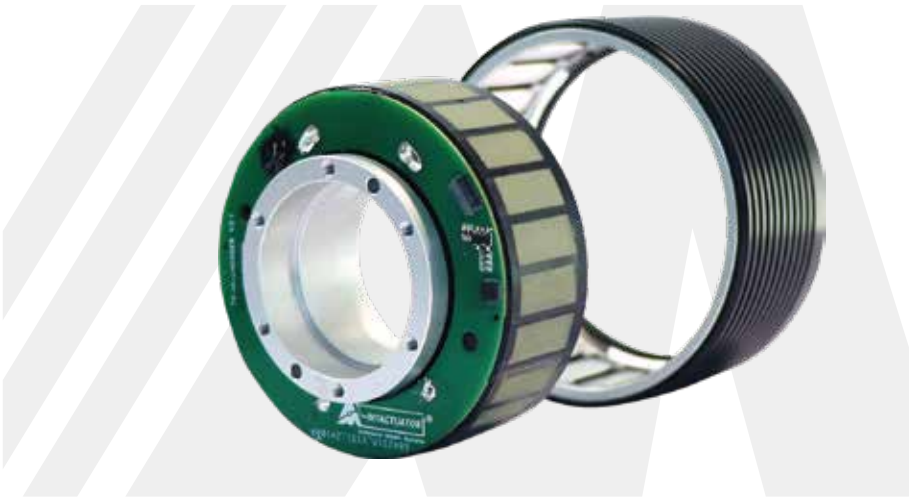


系列名 Series Name

RMD-FLO

电机简称 Motor Simplified Name

FLO-50-15

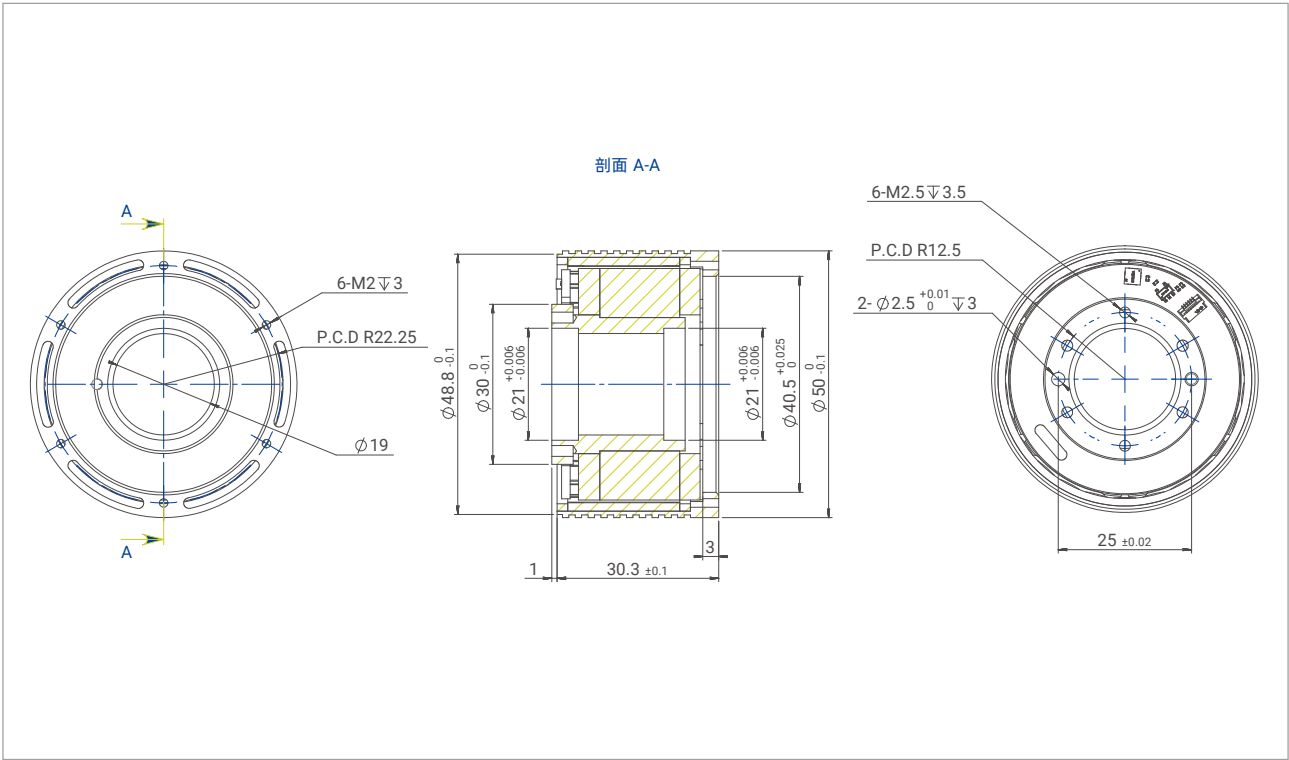


型号 Actuator Full Name	编码器 Encoder
RMD-FLO-50-15-100	Hall+INC

产品参数 Product Parameters

参数 Parameters	单位 Unit	FLO-50-15
输入电压 Input Voltage	V	24
空载电流 No Load Current	A	0.32
额定转速 Rated Speed	RPM	2500
额定转矩 Rated Torque	N.m	0.35
额定功率 Rated Power	W	91.6
额定电流 Rated Current	A	4.9
峰值扭矩 Peak Torque	N.m	0.87
峰值电流 Peak Current	A	14.7
效率 Efficiency	%	>83%
反电势常数 Back-EMF Constant	Vdc/Krpm	7.93
扭矩常数 Torque Constant	N.m/A	0.07
线电阻 Phase Resistance	Ω	0.4
线电感 Phase Inductance	mH	0.19
极对数 Pole Pair	—	13
齿槽转矩 Cogging Torque	N.m	12
接线方式 3 Phase Connection	—	Y
编码器类型及接口 Encoder Type&Interface	—	Hall+INC
重量 Weight	Kg	0.19
绝缘等级 insulation grade	—	F

尺寸安装图 Installation Drawing

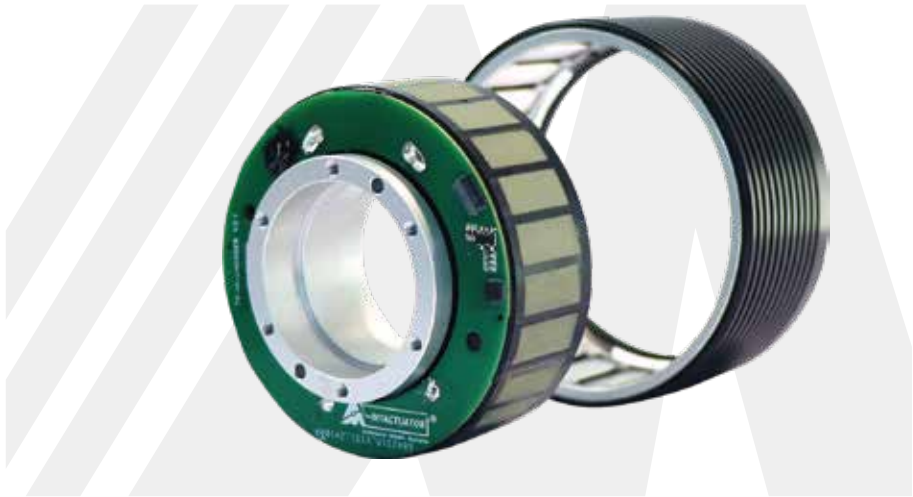


系列名 Series Name

RMD-FLO

电机简称 Motor Simplified Name

FLO-70-15

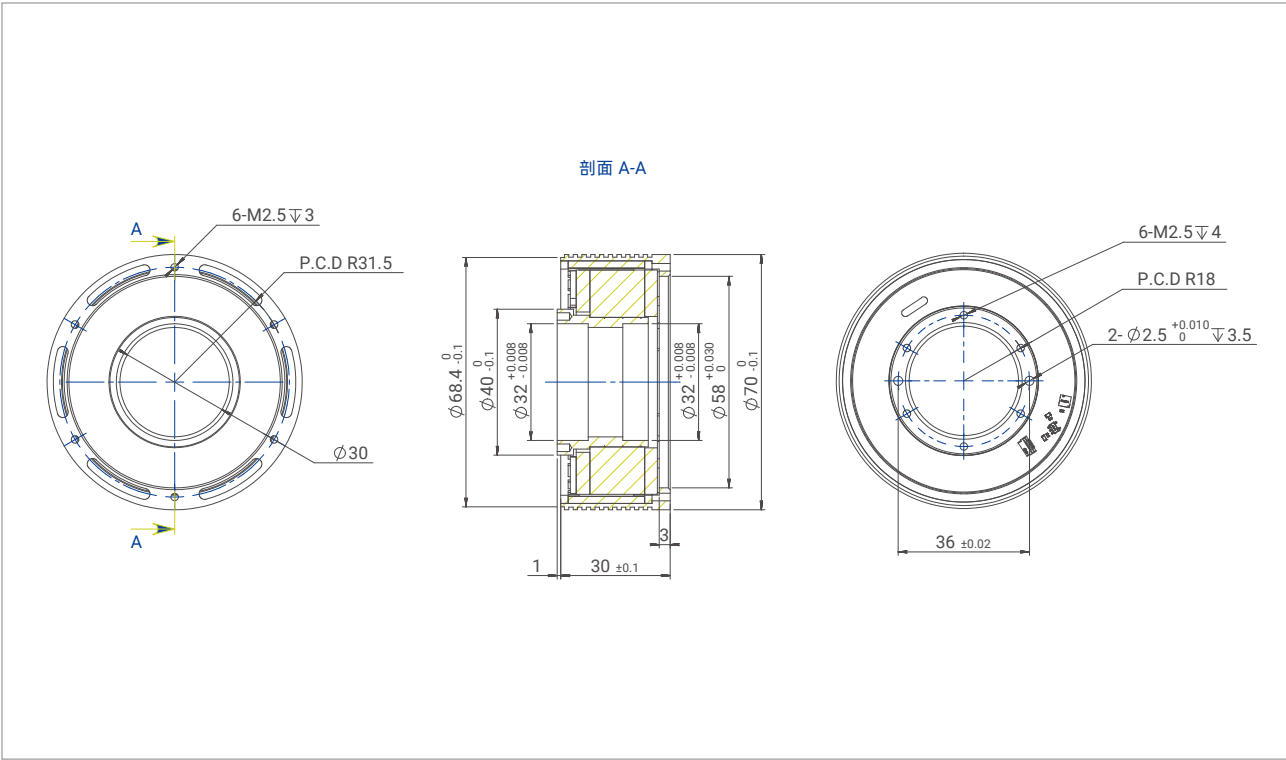


型号 Actuator Full Name	编码器 Encoder
RMD-FLO-70-15-200	Hall+INC

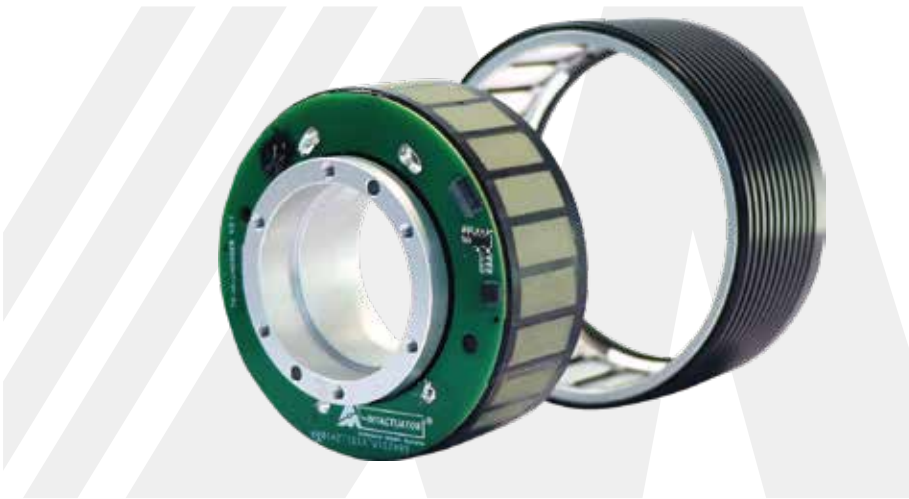
产品参数 Product Parameters

参数 Parameters	单位 Unit	FLO-70-15
输入电压 Input Voltage	V	48
空载电流 No Load Current	A	0.21
额定转速 Rated Speed	RPM	2400
额定转矩 Rated Torque	N.m	0.8
额定功率 Rated Power	W	200
额定电流 Rated Current	A	4.4
峰值扭矩 Peak Torque	N.m	2
峰值电流 Peak Current	A	13.2
效率 Efficiency	%	>84%
反电势常数 Back-EMF Constant	Vdc/Krpm	17
扭矩常数 Torque Constant	N.m/A	0.18
线电阻 Phase Resistance	Ω	0.5
线电感 Phase Inductance	mH	0.55
极对数 Pole Pair	—	13
齿槽转矩 Cogging Torque	N.m	30.83
接线方式 3 Phase Connection	—	Y
编码器类型及接口 Encoder Type&Interface	—	Hall+INC
重量 Weight	Kg	0.33
绝缘等级 insulation grade	—	F

尺寸安装图 Installation Drawing



系列名 Series Name  
**RMD-FLO**  
电机简称 Motor Simplified Name  
**FLO-90-15**

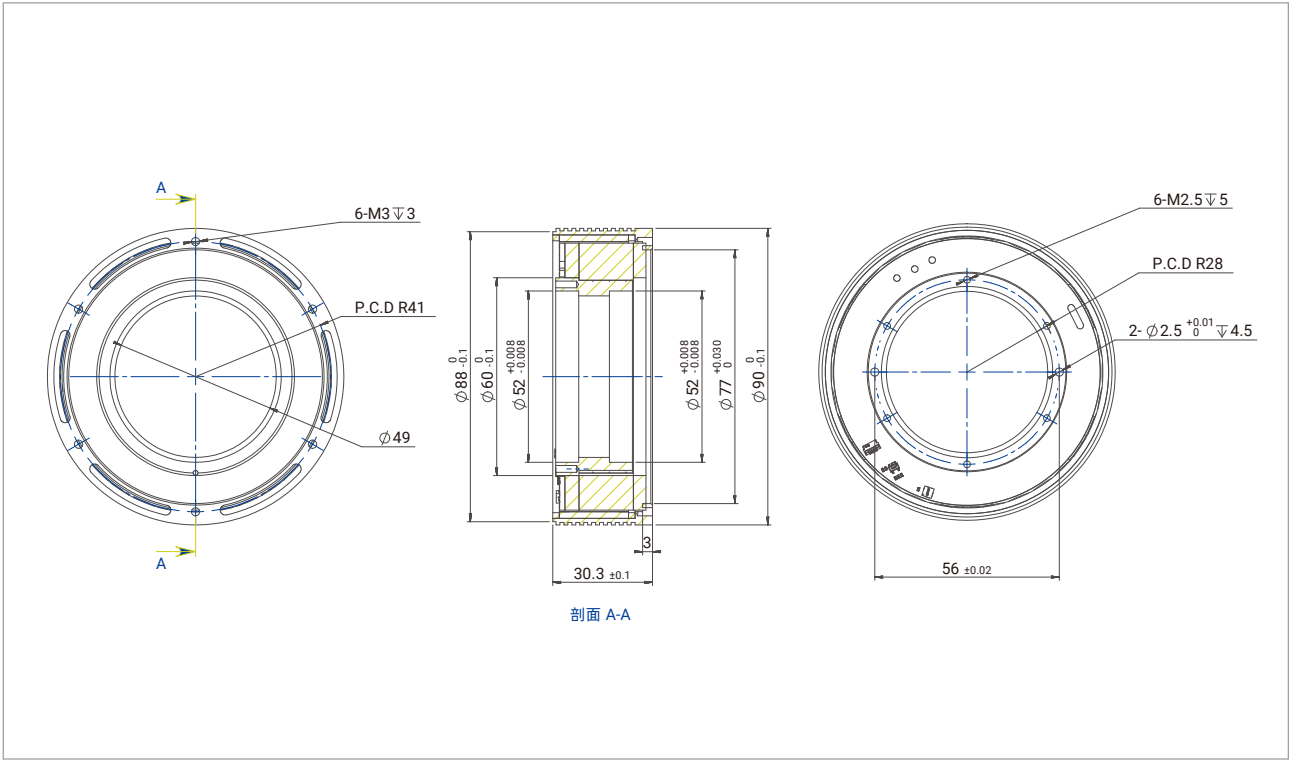


型号 Actuator Full Name	编码器 Encoder
RMD-FLO-90-15-400	Hall+INC

产品参数 Product Parameters

参数 Parameters	单位 Unit	FLO-90-15
输入电压 Input Voltage	V	48
空载电流 No Load Current	A	0.35
额定转速 Rated Speed	RPM	1600
额定转矩 Rated Torque	N.m	1.5
额定功率 Rated Power	W	252
额定电流 Rated Current	A	6.6
峰值扭矩 Peak Torque	N.m	3.75
峰值电流 Peak Current	A	19.8
效率 Efficiency	%	>83%
反电势常数 Back-EMF Constant	Vdc/Krpm	21.1
扭矩常数 Torque Constant	N.m/A	0.23
线电阻 Phase Resistance	Ω	0.35
线电感 Phase Inductance	mH	0.28
极对数 Pole Pair	—	17
齿槽转矩 Cogging Torque	N.m	64
接线方式 3 Phase Connection	—	Y
编码器类型及接口 Encoder Type&Interface	—	Hall+INC
重量 Weight	Kg	0.46
绝缘等级 insulation grade	—	F

尺寸安装图 Installation Drawing





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