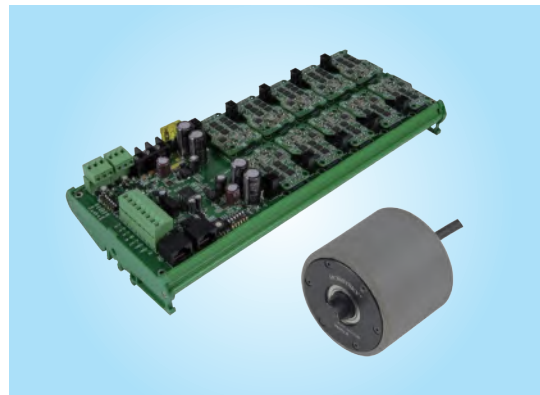


# 56/70 Frame Smart Roller

## General Information

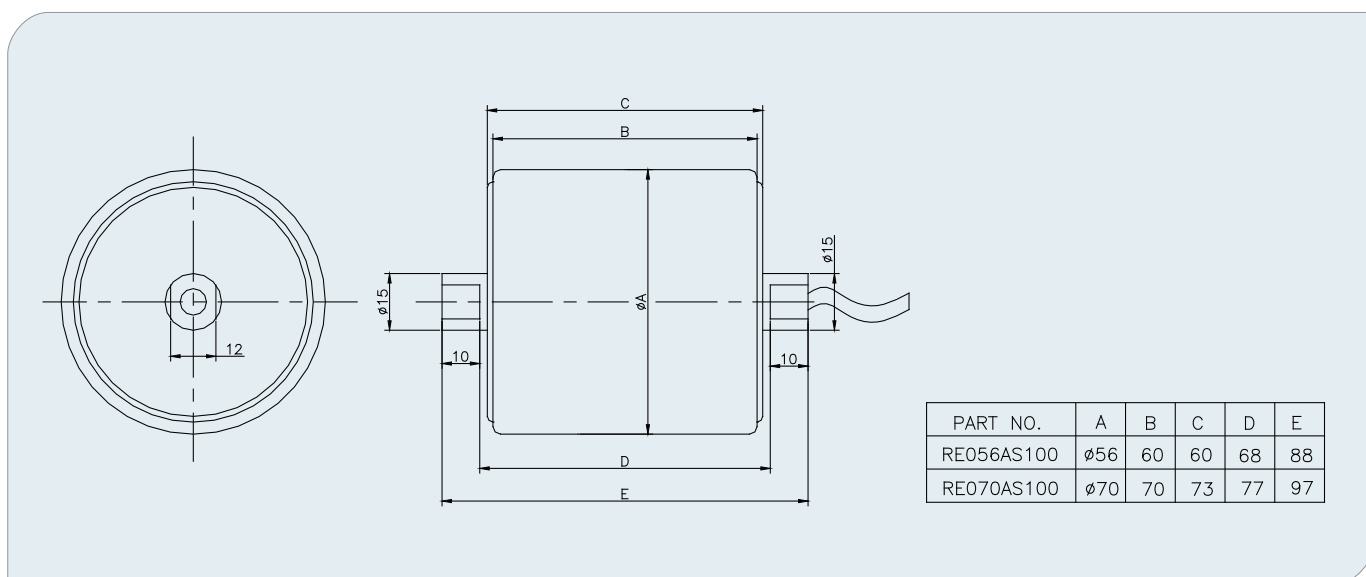
- External rotor and Sensorless
- Low noise
- High efficiency
- Multiple color rubber available
- Coating Thickness 2mm or customized



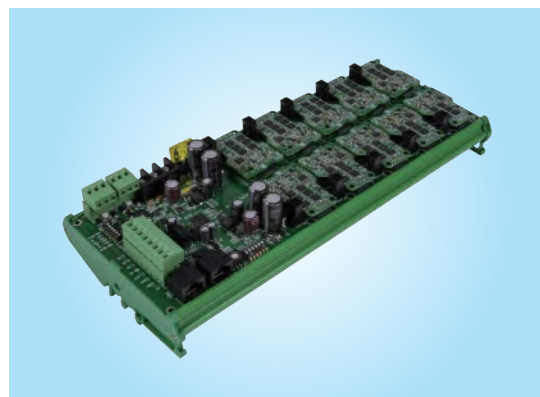
## Specification

| Model      | Voltage (v) | Peak Power (W) | Max. Torque (Nm) | Speed Range (rpm) | Linear Speed (m/s) | Peak Current (A) | Duty Type |
|------------|-------------|----------------|------------------|-------------------|--------------------|------------------|-----------|
| RE056AS100 | 48          | 50             | 1.5              | 350-1000          | 1-3                | 5                | S2        |
| RE070AS100 | 48          | 100            | 2                | 350-1000          | 1.3-3.6            | 10               | S2        |

## Mechanical



# 56/70 Frame Smart Roller Integrated Driver



## General Information

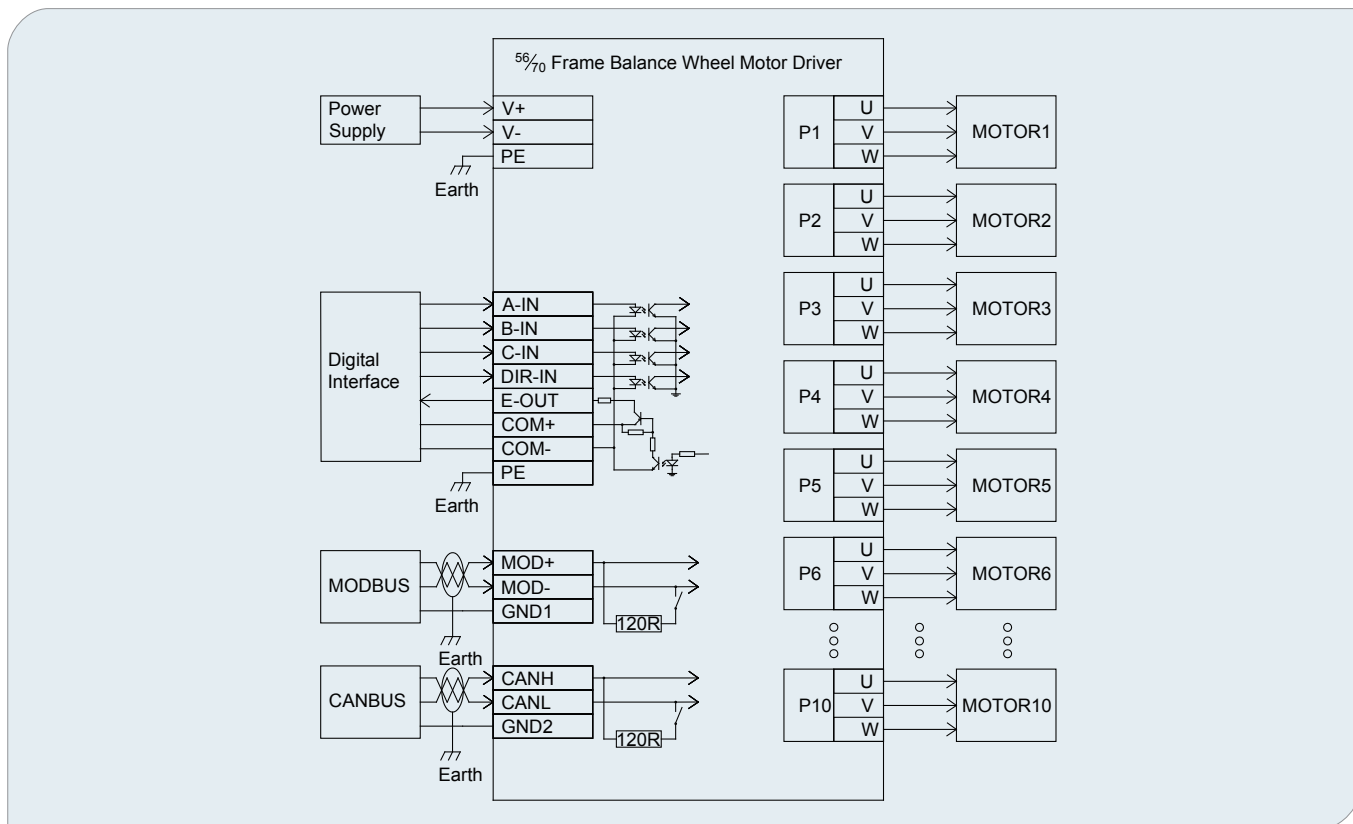
- Used for BLDC roller motor
- Rated Voltage: DC 18-50V
- ModBus/CANOpen communication
- One for 10 motors
- S2 work duty

## Electrical Specification

| Item                          | Units | Description                                                | Notes                        |
|-------------------------------|-------|------------------------------------------------------------|------------------------------|
| Power Supply                  | VDC   | 18-50                                                      |                              |
| Rated Current                 | A     | 15                                                         |                              |
| Peak Current                  | A     | 40                                                         |                              |
| Rated Power                   | W     | 750                                                        |                              |
| Speed Range                   | RPM   | 350-1000                                                   |                              |
| Speed Control                 |       | Communication or 7 step regulation                         |                              |
| Communication                 |       | ModBus / CANOpen                                           |                              |
| I/O Port                      |       | Direction, Error                                           |                              |
| Input Signal                  |       | PNP/NPN, 24V, 5mA                                          |                              |
| Work Duty                     |       | S2                                                         | Based on ambient temperature |
| Operation Ambient Temperature | ℃     | 0-40                                                       |                              |
| Operation Ambient Humidity    |       | 85% Max.                                                   | No water drops or rain       |
| Vibration                     |       | Frequencies≤20Hz: 9.8m/s²;<br>20Hz≤Frequencies≤50Hz: 2m/s² |                              |

# 56/70 Frame Smart Roller Integrated Driver

## ● Characteristic Diagram



## ● Mechanical

