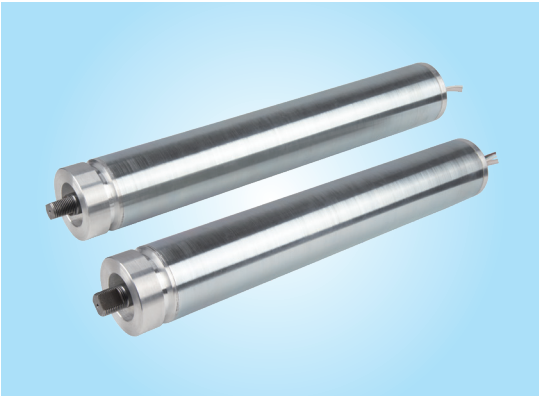


50/67 Frame Cross-belt Sorter Servo Roller

General Information

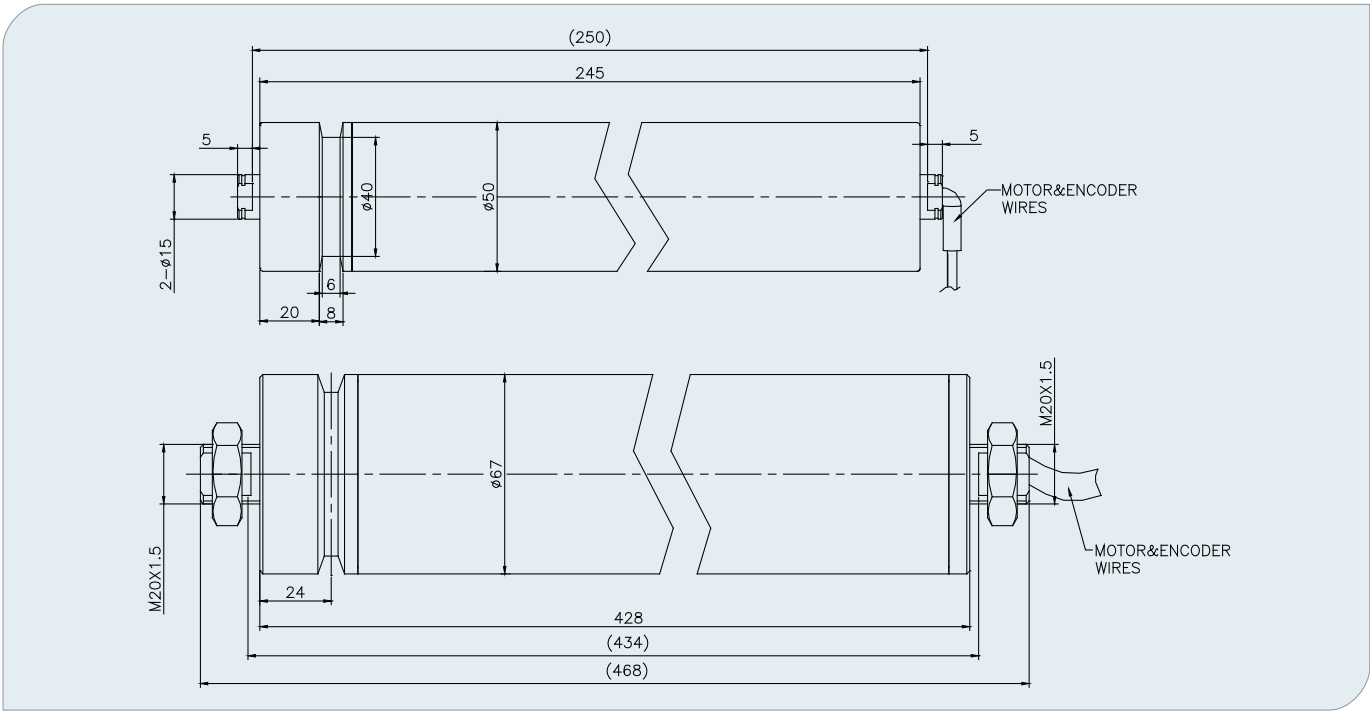
- External rotor
- Direct drive
- Quick response
- Servo control
- Inductive encoder
- Wide speed range
- Roller length to be customized



Specification

Model	Voltage (V)	Rated Power (W)	Max.Torque (Nm)	Speed Range (RPM)	Linear Speed Range (m/s)	Max. Current (A)	Encoder Res. (PPR)	Max. Sorting Weight (Kg)	Work Duty
RE050VS100	48	150	4.5	300-800	0.8-2.1	10	2500	10	S2
RE067VS100	48	400	15	300-800	1-2.8	25	2500	30	S2

Mechanical



50/67 Frame Servo Sorter Roller Driver



● General Information

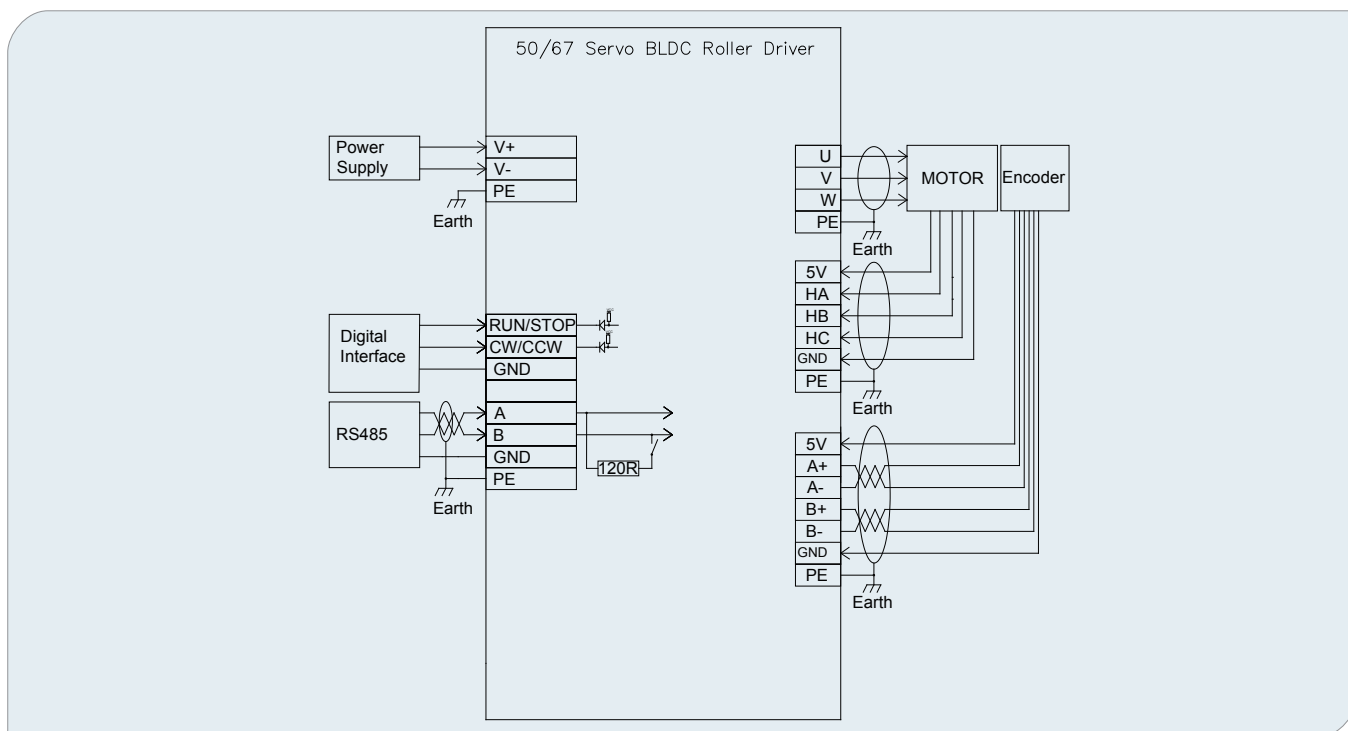
- Used for Servo BLDC roller motor
- Input voltage: DC48V
- Rated output power: 400W
- RS485 communication
- Encoder feedback
- S2-25% work duty

● Electrical Specification

Item	Units	Description	Notes
Power Supply	VDC	48V±5%	
Rated Current	A	10	
Peak Current	A	25	
Rated Power	W	400	
Speed Range	RPM	300-800	
Speed Control		Communication	
Speed Feedback		Hall Sensor+ Encoder (Diff. AqB)	2500PPR
Communication		RS485	
I/O Port		Run/Stop, CW/CCW, Sensor	
Input Signal		NPN, 5mA	
Work Duty		S2-25%	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; 20Hz≤Frequencies≤50Hz: 2m/s²	

50/67 Frame Servo Sorter Roller Driver

● Characteristic Diagram



● Mechanical

