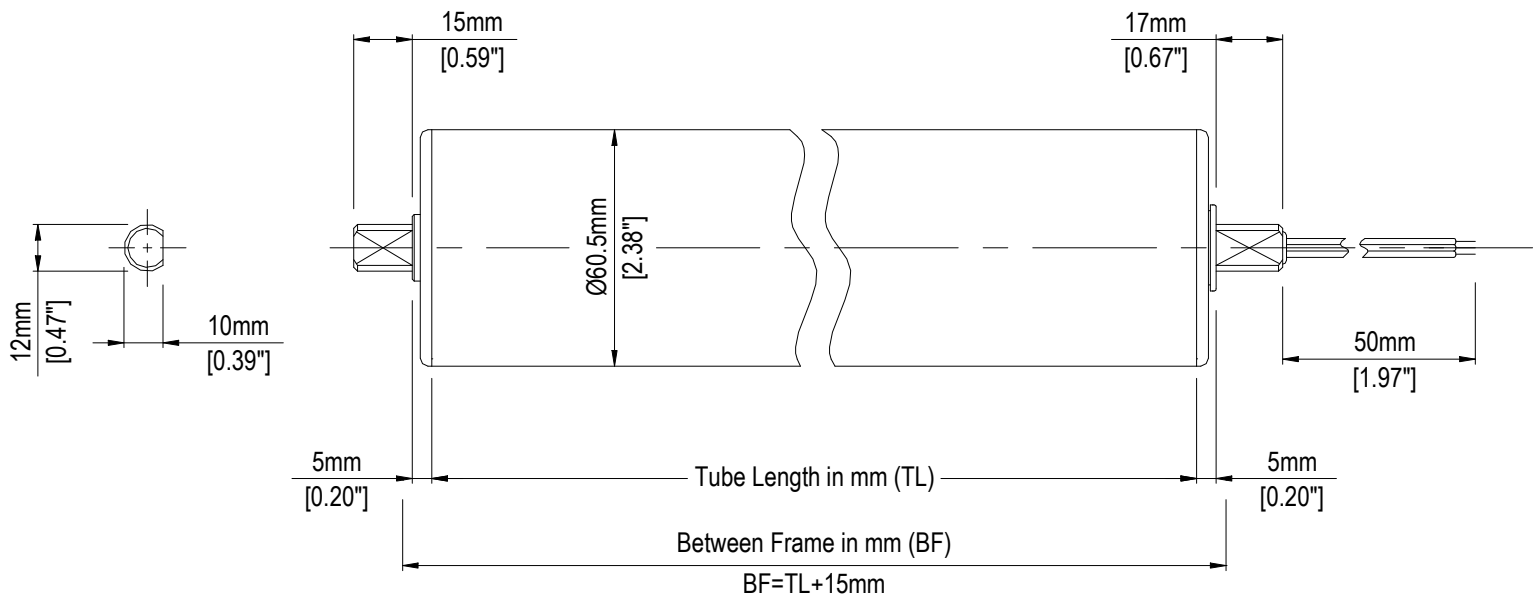


PM605BP AC Motorized Roller 60.5 mm (2.38") Diameter



Standard model designation (example)

PM605BP-10-400-3-230

- Voltage: 230V
- Voltage Type: 3 phase
- Tube Length: 400 mm
- Speed Code: Nominal 10 m/min
- AC Induction Motor, High Power
- Diameter: 60.5 mm
- Model Type: Power Moller

Standard Features

- Designed for medium to heavy load handling conveyors
- Thermally stable motor that can be operated 24/7 without fear of overheating
- 12 mm (0.47") dia. D-shafts
- Spring-loaded shaft (non-cable side)
- 50 mm (1.96") motor leads
- Dustproof design (IP54)
- Straight, seamless tube
- Zinc plated, carbon steel tube
- Class E insulation

Environment

- Ambient Temperature 0~40°C (32~104°F)
- <90% Relative Humidity (No condensation)
- No corrosive gases
- Vibration <0.5G

Operation

- Cycle: 3s ON; 2s OFF
- Continuous or intermittent duty
- Do not exceed 150% of no-load speed

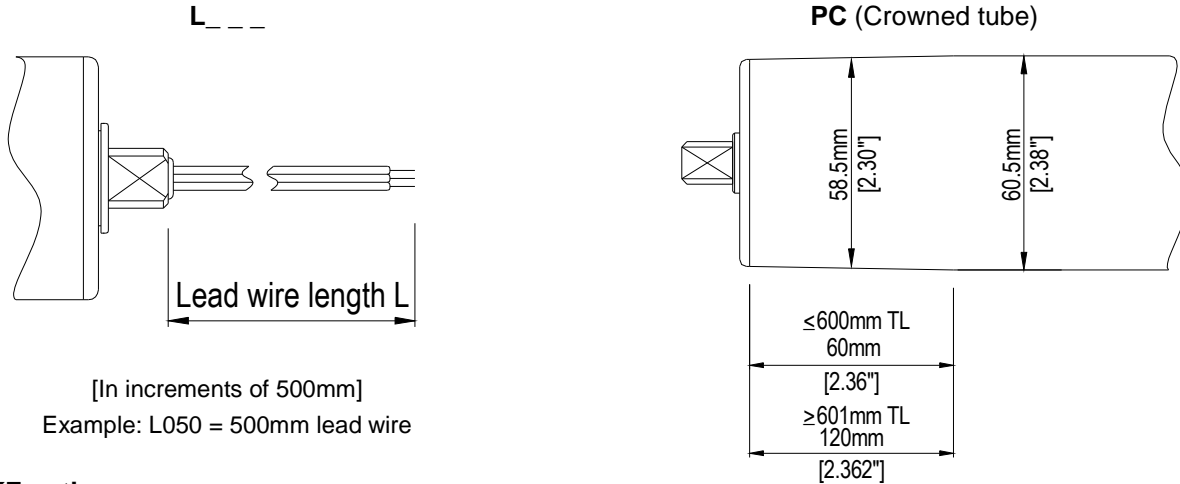
ITOHDENKI USA, INC.

135 Stewart Road Hanover Industrial Estates
Hanover Township, PA 18706
P: 570-820-8811 F: 570-820-8838
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Specifications subject to change without notice.

PM605BP AC Motorized Roller 60.5 mm (2.38") Diameter



Popular Options*

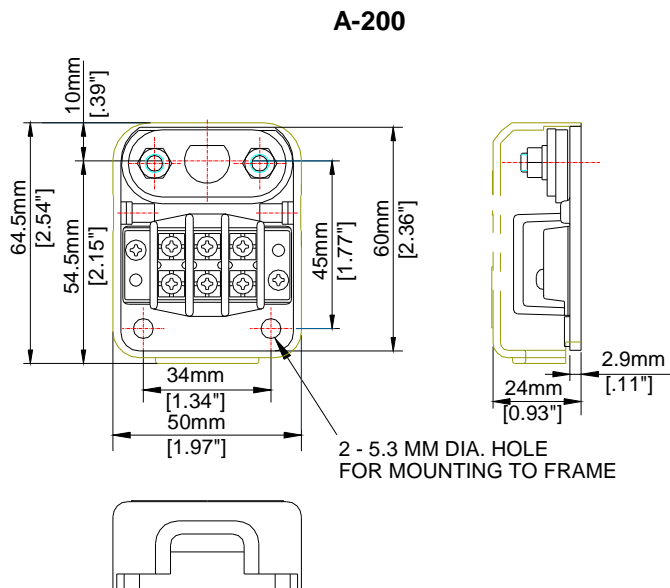


KF option

- Mounting hardware not included (ordering purposes only)

*Ask an Itoh Denki representative for other available options

Mounting Hardware



Standard

- Supplied with A-200 to secure shaft on cable side

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PM605BP Performance Specifications

3Φ 230V 60Hz						
Speed Code	Speed No-Load (ft/min)	Tangential Force Starting (lb)	Torque Starting (in-lb)	Current		
				No-Load (A)	Rated (A)	Starting (A)
5	20.6	57.3	68.1	0.09	0.10	0.31
8	29.2	40.5	48.2	0.09	0.10	0.31
10	41.7	28.6	34.1	0.09	0.10	0.31
15	79.0	15.0	17.9	0.09	0.10	0.31
20	106.6	11.9	14.2	0.09	0.10	0.31
30	150.9	8.4	10.0	0.09	0.10	0.31
40	232.0	5.5	6.5	0.09	0.10	0.31

- **Available Options:**

- Brake
- Dripproof IP-55
- Waterproof IP-65
- Wide Range of rubber laggings
- V-belt pulley
- Idler rollers

Minimum Tube Length

Option	Without Spring Loaded Shaft	With Spring Loaded Shaft
None	200 mm (7.87")	250 mm (9.84")
Brake	250 mm (9.84")	300 mm (11.81")
Dripproof	240 mm (9.45")	260 mm (10.24")
Waterproof	240 mm (9.45")	260 mm (10.24")

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