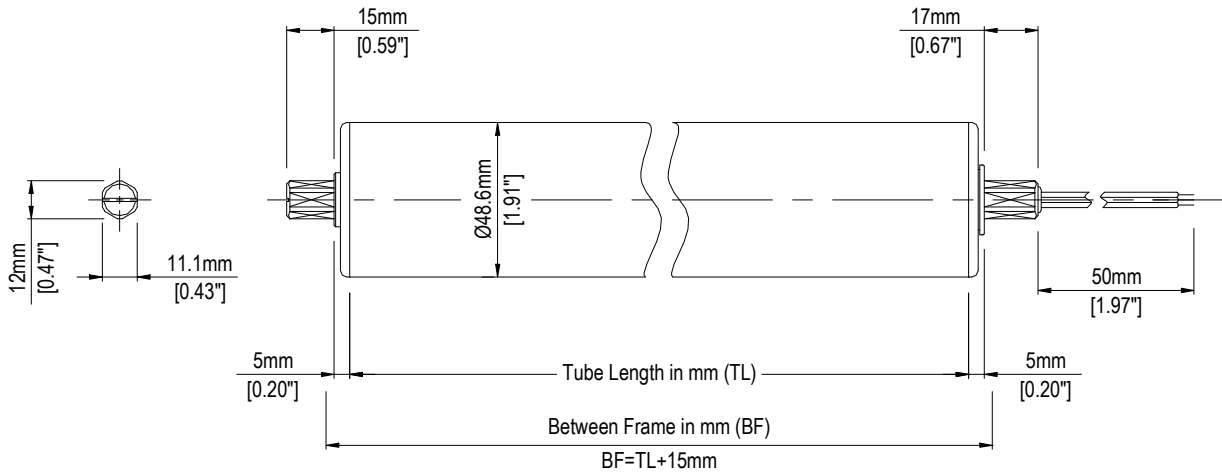
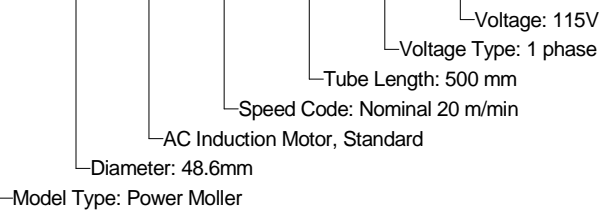


PM486BS AC Motorized Roller 48.6 mm (1.91") Diameter



Standard model designation (example)

PM486BS-20-500-1-115



Standard Features

- Designed for medium to heavy load handling conveyors
- Thermally stable motor that can be operated 24/7 without fear of overheating
- 7/16" hexagonal shafts
- Spring-loaded shaft (non-cable side)
- 50 mm (1.96") motor cable
- Dustproof design (IP54)
- Straight, seamless tube
- Zinc plated, carbon steel tube

Environment

- Ambient Temperature
-10~40°C (14~104°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

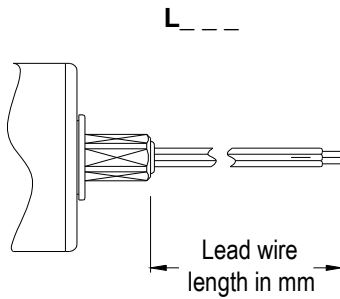
ITOHDENKI USA, INC.

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

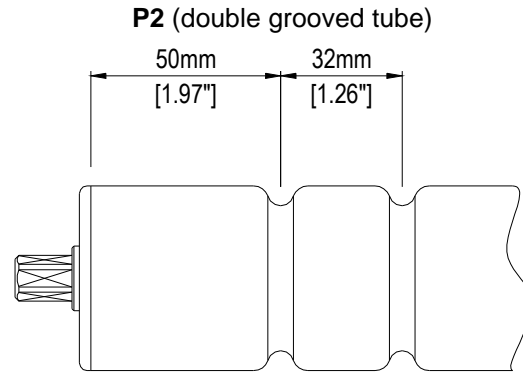
PM486BS AC Motorized Roller 48.6 mm (1.91") Diameter



Popular Options*



L050 - 500mm lead wire
[In increments of 500mm]



[Other groove locations also available]

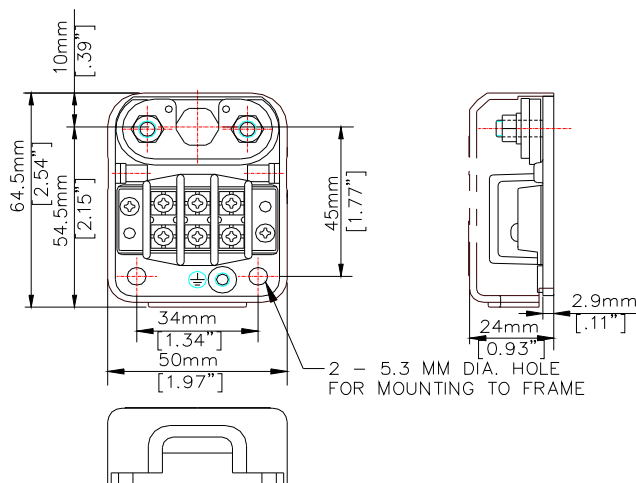
KF option

- Mounting hardware not included
(ordering purposes only)

*Ask an Itoh Denki representative for other available options

Mounting Hardware

A-270-GS (hex flat-up)



[A-280-GS (hex point-up) also available]

Standard

- Supplied with A-270-GS to
secure shaft on cable side

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PM486BS 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	16.4	17.2	16.5	0.07	0.06	0.08
10	33.8	9.9	9.5	0.07	0.06	0.08
15	53.5	6.3	6.0	0.07	0.06	0.08
20	67.9	6.0	5.8	0.04	0.04	0.11
30	107.0	3.8	3.6	0.04	0.04	0.11
40	130.2	3.2	3.0	0.04	0.04	0.11
50	170.2	2.4	2.3	0.04	0.04	0.11

1Φ 115V 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	16.4	7.6	7.3	0.13	0.15	0.17
10	33.8	4.5	4.3	0.13	0.15	0.17
15	53.5	2.9	2.7	0.13	0.15	0.17
20	67.9	3.1	2.9	0.11	0.17	0.30
30	107.0	1.9	1.9	0.11	0.17	0.30
40	130.2	1.6	1.5	0.11	0.17	0.30
50	170.2	1.2	1.2	0.11	0.17	0.30

▪ **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	200 mm (7.87")	250 mm (9.84")
Waterproof	260 mm (10.24")	260 mm (10.24")