

PM380AS AC Motor Driven Roller

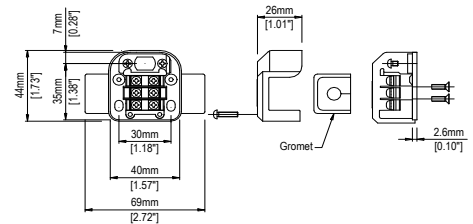
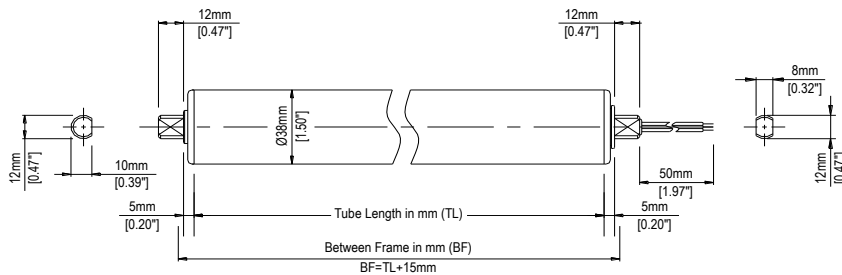


Diameter: 1.5" (38mm)
Voltage: 115 V Single Phase
230 V Three Phase

Features

- Thermally stable motor that can be operated 24/7 without fear of overheating
- ABEC 1 Bearings
- DOM, zinc plated, carbon steel tube
- Designed for slim compact lines

Dimensions



Mounting Hardware: E-920 Terminal Block

Performance Data

| 3Φ 230V 60Hz | | | | | | |
|--------------|------------------------|--------------------------------|-------------------------|-------------|-------|----------|
| Speed Code | No-Load Speed (ft/min) | Tangential Force Starting (lb) | Torque Starting (lb-in) | Current (A) | | |
| | | | | No-Load | Rated | Starting |
| 5 | 16.4 | 13.4 | 10.0 | 0.05 | 0.05 | 0.07 |
| 8 | 24.9 | 8.9 | 6.6 | | | |
| 10 | 37.7 | 5.8 | 4.3 | | | |
| 15 | 52.5 | 4.9 | 3.6 | | | |
| 20 | 80.4 | 3.2 | 2.4 | | | |
| 30 | 125.0 | 2.0 | 1.5 | | | |
| 1Φ 115V 60Hz | | | | | | |
| Speed Code | No-Load Speed (ft/min) | Tangential Force Starting (lb) | Torque Starting (lb-in) | Current (A) | | |
| | | | | No-Load | Rated | Starting |
| 5 | 16.4 | 6.7 | 5.0 | 0.11 | 0.11 | 0.13 |
| 8 | 24.9 | 4.5 | 3.4 | | | |
| 10 | 37.7 | 3.0 | 2.2 | | | |
| 15 | 52.5 | 2.6 | 1.9 | | | |
| 20 | 80.4 | 1.8 | 1.3 | | | |
| 30 | 125.0 | 1.1 | 0.8 | | | |

Environment

- Ambient Temperature 14~104° F (-10~40°C)
- < 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

Minimum Tube Lengths and Options



Without spring loaded shaft



With spring loaded shaft

Standard



200 mm (7.87")



220 mm (8.66")



Lagging

Wide range of rubber laggings available



VP V-Belt pulley end cap

220 mm (8.66")



BR Brake



250 mm (9.84")



DR Drip proof IP-55



200 mm (7.87")



WA Waterproof IP-65



250 mm (9.84")



270 mm (10.63")



220 mm (8.66")



250 mm (9.84")