

# PM763BS

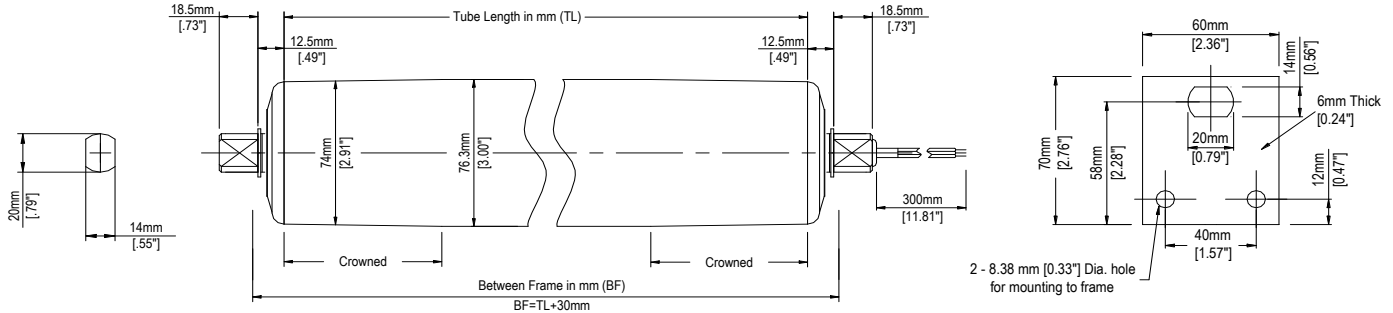


Diameter: 3.0" (76.3mm)  
Voltage: 230 V Three Phase

## Features

- Operation without oil bath
- ABEC 1 Bearings
- Class E insulation
- Drip proof design (IP55)
- DOM, zinc plated, carbon steel tube
- Designed to drive compact belt conveyors for light to medium load handling
- 20mm (0.79") dual flat shafts
- Crowned tube standard

## Dimensions



Straight tube also available

Mounting Hardware: M-021-B

## 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	19.7	243.4	365.5	0.19	0.29	1.07
8	26.6	182.1	273.5			
10	40.0	120.8	181.4			
20	81.0	66.0	99.1			
30	109.6	48.9	73.5			
40	167.6	31.8	47.8			

## Protection

-Built in thermal overload protection

## Environment

- Ambient Temperature 14~104° F (-10~40°C)
- < 90% Relative Humidity (No Condensation)
- No Corrosive Gases
- Vibration < 0.5G

## Operation

- Cycle: 10s ON; 10s OFF
- Continuous or Intermittent duty
- Do Not Exceed 150% of No-Load Speed

## Maximum Transported Load on Belted Conveyor

Speed Code	Max Load	
	Kg	Lb.
5	40	88
8	30	66
10	20	44
20	15	33
30	8	18
40	4	8.8

Referenced load values were obtained under the following test parameters:  
 Conveyor length: 4 meters (13ft.)      Belt width: 500 mm (20")  
 Belt thickness: 1 mm (0.040")      Power source: 230VAC/3-PH  
 Conveyor angle: Horizontal (without carrier rollers)

## Minimum Tube Lengths and Options

Without spring loaded shaft

Standard

250 mm (9.84")

Lagging

Wide range of rubber laggings available



WA Waterproof IP-65

250 mm (9.84")



BR Brake

300 mm (11.81")