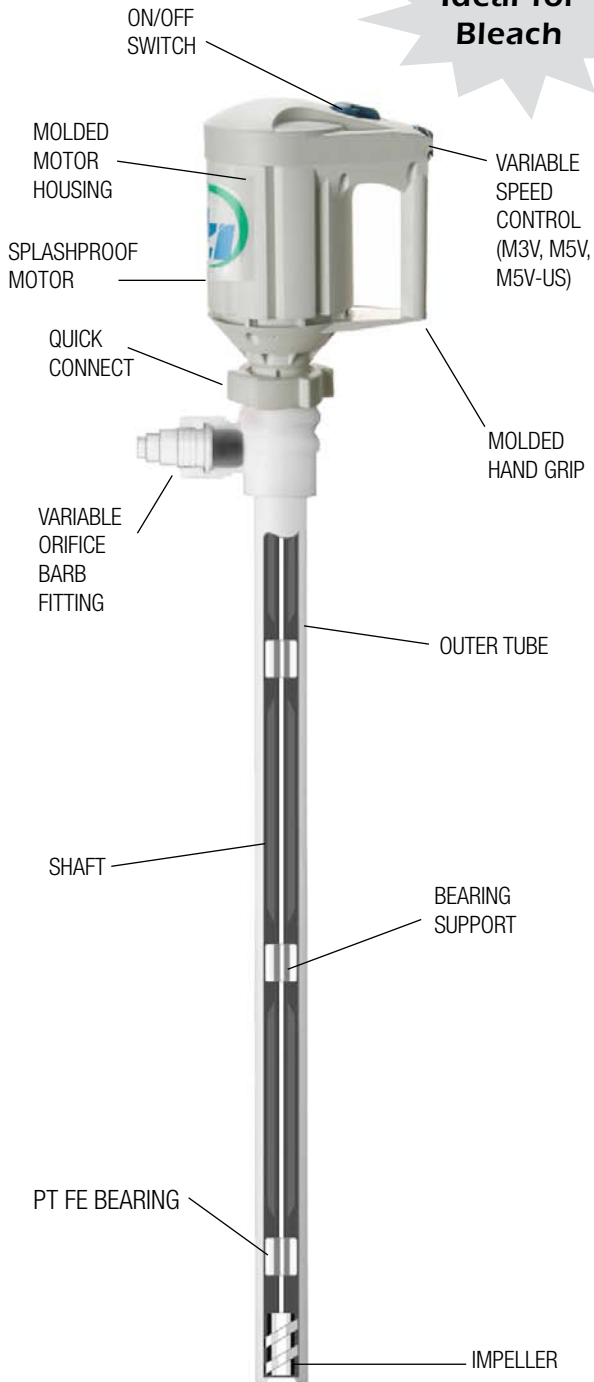


TBP Series

DRUM / BARREL PUMPS

Light to Medium Viscosity



The TBP series is an economical, light to medium viscosity drum pump **constructed of pure materials** for use with bleach, nitric acids, hydrochloric acids, sulfuric acids, etc.

The 1.66" (42mm) tube diameter is designed to accommodate drums with smaller bung openings. Typical applications include: Municipal water treatment facilities, swimming pool supply houses, water parks, anywhere that bleach is used in drums/barrels or containers.

Features

- Sealed
- Unique lifting compressor design
- Handles corrosive liquids
- Pump interchangeable with motors

Performance

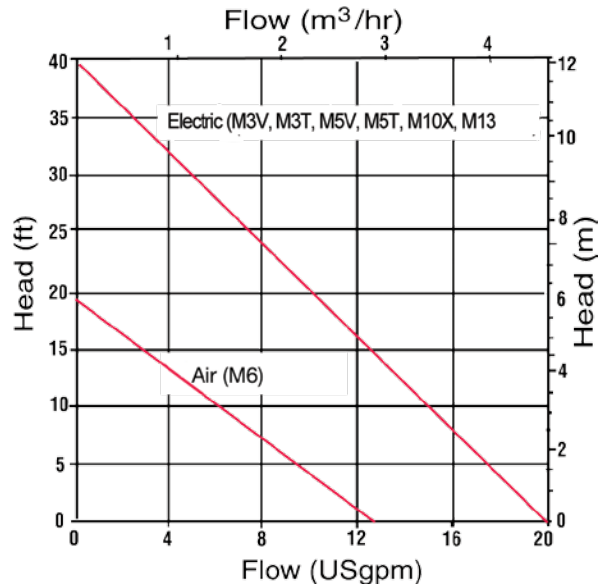
- Viscosities up to 200 cP
- Densities up to 1.4 specific gravity
- Maximum 150°F (66°C)

ELECTRIC (50/60 Hz)

- 20 gpm (75.7 lpm)
- 39.5 feet TDH (12 meters)

AIR

- 12.5 gpm (47.3 lpm)
- 19 feet TDH (5.8 meters)



Tube Specifications



TBP

Model	Tube				Seal	Shaft	Internals	Hose Size Required
	Material	Dia.	Length					
			in.	cm				
TBP	Pure Polypro/ Pure PVDF	1.66" (42 mm)	27 40 48	69 102 122	Graphite filled PTFE	Alloy 625	PTFE	1" 25.4mm

Motor Specifications



Electric motors are available in 115V or 230V, single phase, 50/60 Hz and variable speed. All are equipped with 12 ft. (366 cm) cord, circuit breaker with manual reset, internal cooling fan, and built-in on/off switch. Motors are rated continuous duty.



Air motor (M6) shown with ball valve and muffler.

Model	Type	Certifications	Electrical Requirements	Input		RPM	Viscosity cP
				HP	W		
ODP (Open Drip Proof) IP24 Motors							
M3V	Universal Variable Speed	CSA	115VAC/50-60 Hz	4/5	650	3,500-10,000	500
M5V	Universal Variable Speed	CE	230VAC/50-60 Hz	4/5	650	3,500-10,000	500
M5V-US*	Universal Variable Speed	CE	230VAC/50-60 Hz	4/5	650	3,500-10,000	500
M13	Universal Single Speed	CE	115VAC/50-60 Hz	4/5	640	10,000	500
TEFC (Totally Enclosed Fan Cooled) IP54 Motors							
M3T	Universal Single Speed	CSA	115VAC/50-60 Hz	4/5	640	10,000	500
M5T	Universal Single Speed	CE	230VAC/50-60 Hz	4/5	640	10,000	500
EXP (Explosion-proof) IP54 Motors							
M10X**	EXP - Class 1, Division 1, Group D	CE/ATEX ExII 2G Ex d IIA T4	230VAC/50-60 Hz	4/5	640	10,000	500
Air Motors							
M6***	Non-Electric (Air)	CE/ATEX Ex II 5GDC +1CTa +40C	Air Requirements 80-100 psi @15-32 cfm	1/2	370	300-9,000	330

NOTE: TBP is not designed to pump flammable liquids.

* Suitable for 230V, 60 Hz. Includes NEMA 6-15 plug.

** Recommended for pumping non-flammables in an explosionproof environment

*** An air motor is a non-electrical device. This means the possibility of explosion from igniting flammables or combustibles is reduced. Air motor performance will depend upon user's compressor and system set up.



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