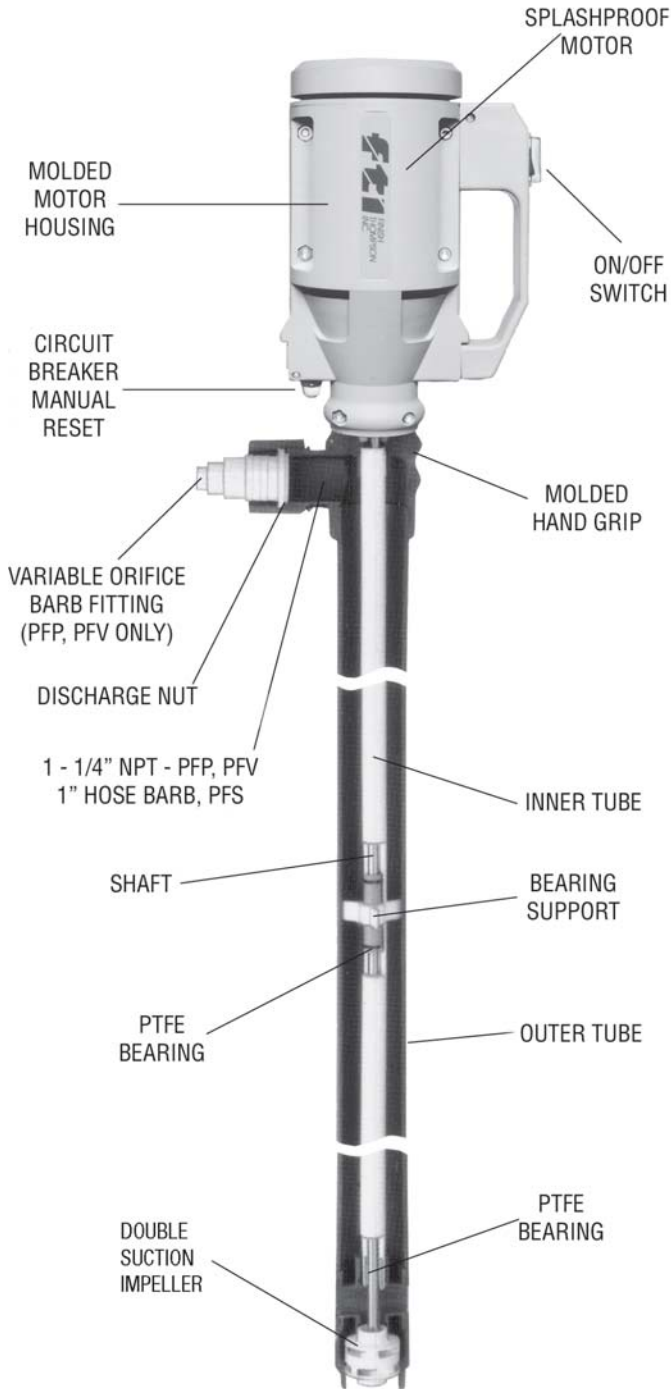


# PF Series

DRUM / BARREL PUMPS

## Light to Medium Viscosity



High performance, sealless drum/barrel pumps for container-to-container transfer of acids, corrosives, and chemicals.

### Features

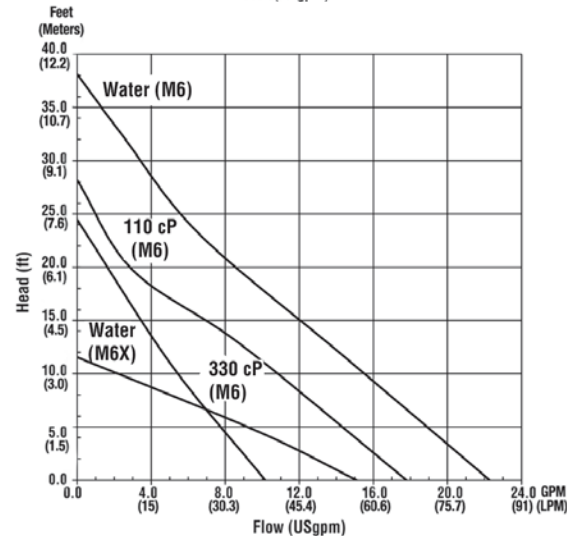
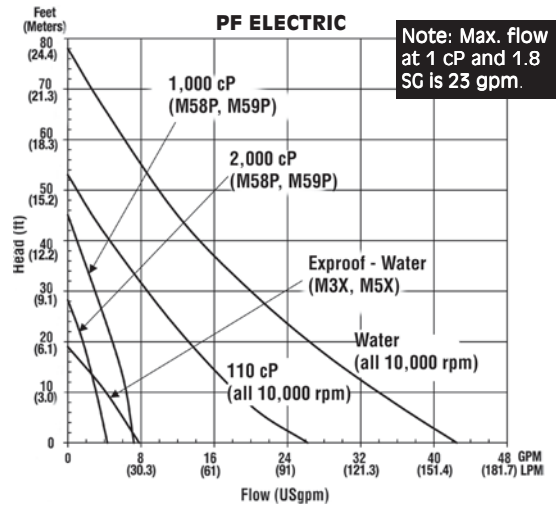
- Polypropylene, PVDF or 316SS tubes
- Unique double suction impeller
- Pump interchangeable with motors
- Up to 2000 cP with M58P and M59P 800w motors
- ATEX certified motors
- Dry run capability

### Performance

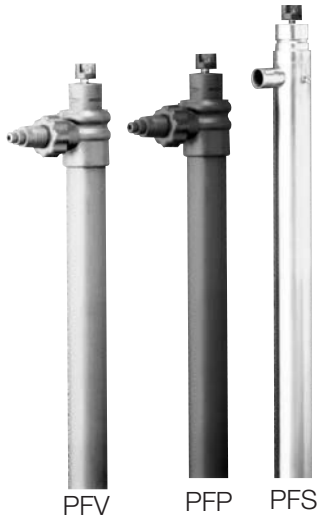
- 1.83 SG
- Max. temperatures: PFP - 160°F (71°C)  
PFV - 120°F (49°C); PFS - 220°F (105°C)
- All 60" (152 cm) & 72" (183 cm) tubes - 120°F (49°C)

ELECTRIC - 50/60 Hz	AIR
• 40 gpm (151 lpm)	• 22 gpm (83 lpm)
• 80 feet TDH (24 m)	• 38 feet TDH (11.6 m)
• 2000 cP maximum	• 330 cP maximum

NOTE: Explosionproof motor performance is reduced to 7 gpm and 18 feet TDH maximum. This reduction helps to reduce static electricity.



## Tube Specifications



MODEL	TUBE			SEAL	SHAFT	INTERNALS	HOSE SIZE REQUIRED		
	MATERIAL	DIAMETER	LENGTH						
			in.					cm	
PFP	Polypropylene	2" (5.1 cm)	27	69	Sealless	Alloy 625	1"		
PFV	PVDF		40	102				Alloy 625	PTFE PVDF Viton®
PFS	SS		48	122		Stainless Steel			
			60	152					
			72	183					

Viton(R) fluoroelastomer is a registered trademark of DuPont Dow Elastomers.

Tefzel(R) fluoropolymer film is a registered trademark of E.I. du Pont de Nemours and Company.

## Motor Specifications



Electric motors are available in 115V or 230V, single phase, 50/60 Hz. All are equipped with 12 ft. (3.5 m) 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 regulator valve, muffler. 80-100 psi at 25 cfm.

MODEL	TYPE	CERTIFICATIONS	ELECTRICAL REQUIREMENTS	HP (kW)	RPM
M3	Drip-proof	CSA	115VAC/50-60 Hz	1/2 (.37)	10,000
M3T	TEFC	CSA	115VAC/50-60 Hz	1/2 (.37)	10,000
M3X	EXP - Class 1 Div. 1, Group D	CSA	115VAC/50-60 Hz	1/10 (.075)	5,000
M5	Splashproof IP24	CE	230VAC/50-60 Hz	1/2 (.37)	10,000
M5T	TEFC, IP54	CE	230VAC/50-60 Hz	1/2 (.37)	10,000
M5X <sup>††</sup>	EXP - IP54	CE	230VAC/50-60 Hz	1/10 (.075)	5,000
M10X <sup>††</sup>	EXP - IP54	CE	230VAC/50-60 Hz	1/2 (.37)	10,000
M13	Splashproof IP24	CE	115VAC/50-60 Hz	1/2 (.37)	10,000
M58P	TEFC, IP54, Variable Speed	NRTL	115VAC/50-60 Hz	1 (.80)	10,000
M59P	TEFC, IP54, Variable Speed	CE	230VAC/50-60 Hz	1 (.80)	10,000
M6 <sup>†</sup>	Air <sup>†</sup>	CE/ATEX		1/2 (.37)	300-6,000
M6X <sup>†</sup>	Air <sup>†</sup>	CE/ATEX		3/4 (.56)	300-3,000

**Note:** When pumping flammables or combustibles, use explosionproof electric or non-electric (air) motors on stainless steel tubes with a static protection kit.

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

<sup>†</sup> An air motor is a non-electrical device. This means the possibility of explosion from igniting flammables or combustibles is reduced.

<sup>††</sup> Motor suitable for hazardous areas that do not require independent certification.



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