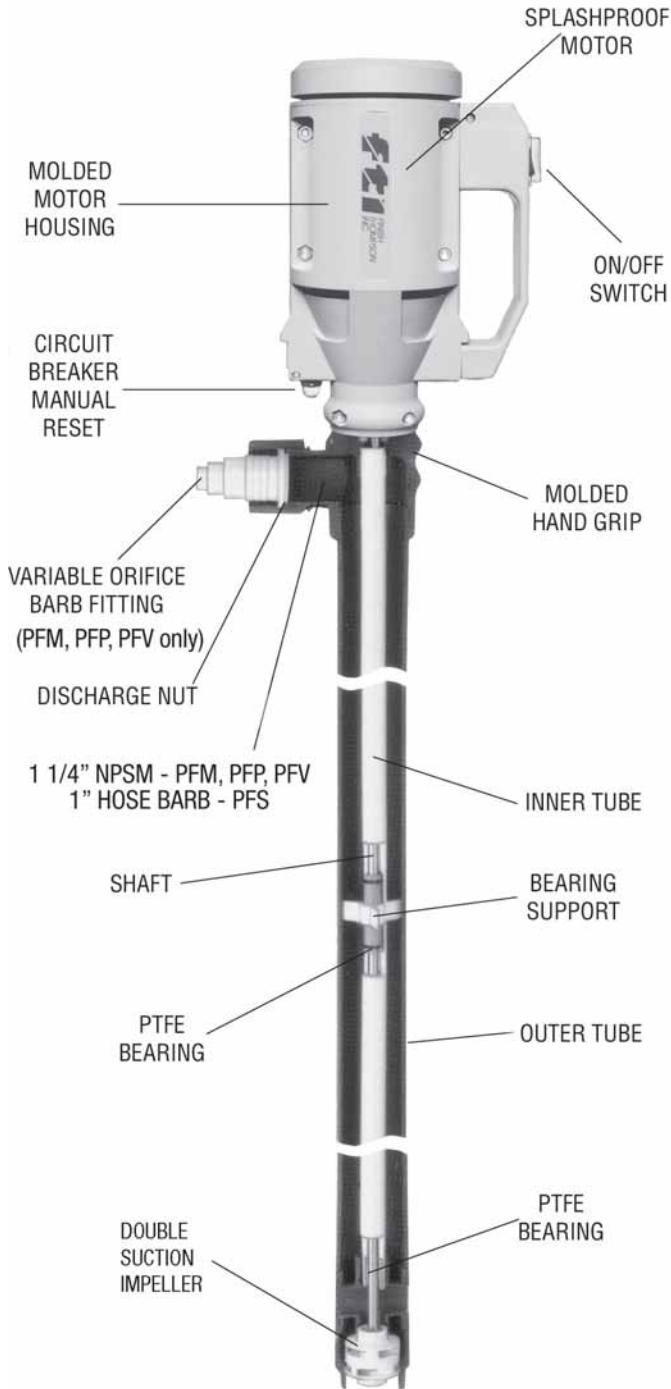


PF Series

DRUM / BARREL PUMPS

Light to Medium Viscosity



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

Features

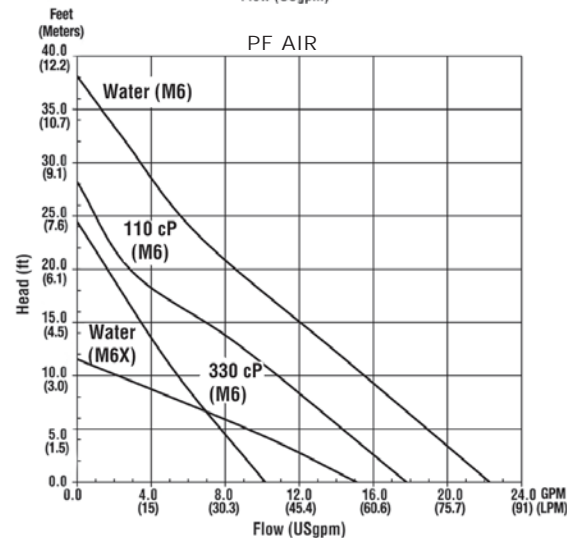
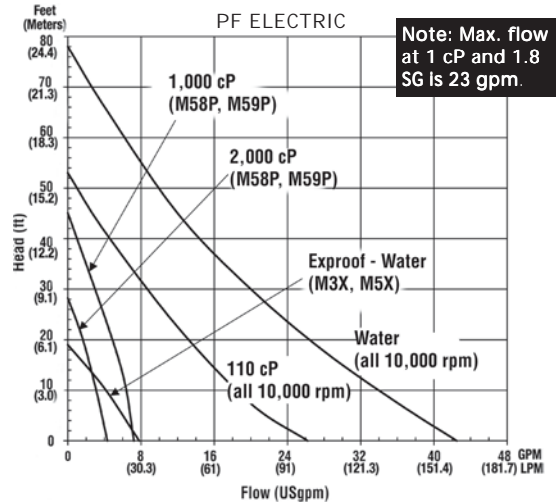
- Polypropylene, PVDF or 316SS tubes
- Unique double suction impeller
- Pump interchangeable with motors
- Up to 2000 cP with M58P and M59P 800w motors
- ATEX certified motors
- Dry run capability

Performance

- 1.83 SG
- Max. temperatures: PFP/PFM - 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	Polypro	2" (5.1 cm)	27	69	Sealless	Alloy 625	1"	
PFM	Polypro		40	102		SS		
PFV	PVDF		48	122		Alloy 625		
PFS	SS		60	152		SS		SS, PTFE, Tefzel®, Viton®
			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.
Note: PFM tube not offered in 72" length.

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	Input		RPM	Viscosity cP
				Hp	W		
M3	Drip-proof	CSA	115VAC/50-60Hz	4/5	640	10,000	500
M3T	TEFC	CSA	115VAC/50-60Hz	4/5	640	10,000	500
M3X	EXP – Class 1, Division 1, Group D	CSA	115VAC/50-60Hz	3/10	230	5,000	10
M5	Splashproof – IP24	CE	230VAC/50-60Hz	4/5	640	10,000	500
M5T	TEFC – IP54	CE	230VAC/50-60Hz	4/5	640	10,000	500
M5X ^{††}	EXP – Class 1, Division 1, Group D	CE	230VAC/50-60Hz	3/10	230	5,000	10
M10X ^{††}	EXP – Class 1, Division 1, Group D	CE	230VAC/50-60Hz	4/5	640	10,000	500
M13	Splashproof – IP24	CE	115VAC/50-60Hz	4/5	640	10,000	500
M58P	TEFC – IP54, Variable Speed		115VAC/50-60Hz	1 1/3	1000	10,000	2000
M59P	TEFC – IP54, Variable Speed	CE	230VAC/50-60Hz	1 1/3	1000	10,000	2000
M6 [†]	Air	CE/ATEX		1/2	370	300-6,000	330
M6X ^{††}	Air	CE/ATEX		3/4	560	300-3,000	330

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.

[†]An air motor is a non-electrical device. This means the possibility of explosion from igniting flammables or combustibles is reduced.

^{††} Motor suitable for hazardous areas that do not require independent certification.



FINISH THOMPSON INC.

921 Greengarden Road • Erie, PA 16501-1591 U.S.A.
Ph 814-455-4478 • Fax 814-455-8518
Email fti@finishthompson.com • www.finishthompson.com

Toll Free USA & Canada 1-800-934-9384
I.D.No. - FT95-558P, R1 5/28/08

