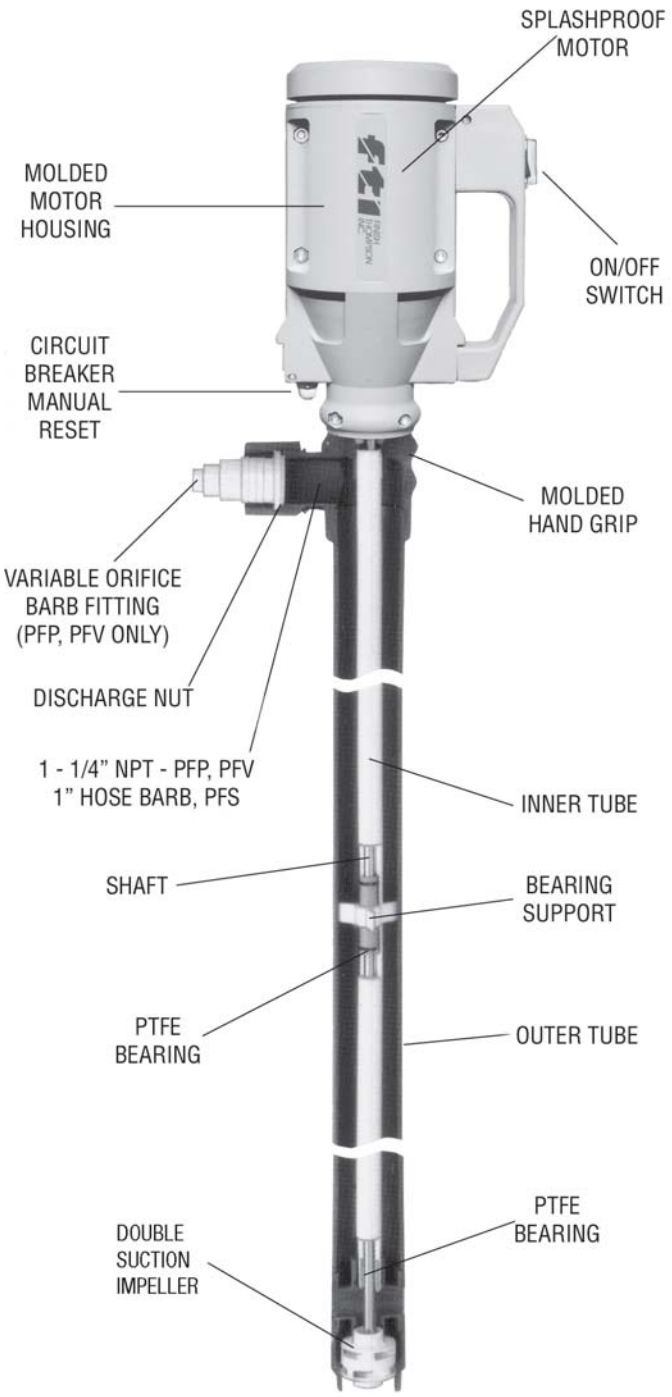
Depco Home

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

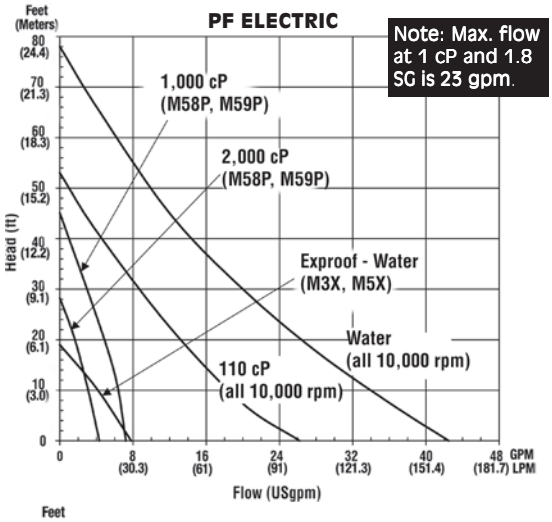
- Polypropylene, PVDF or 316SS tubes
- Unique double suction impeller
- Pump interchangeable with motors
- Up to 2000 cP with M58P and M59P 800w motors
- Easy disassembly for cleaning
- Dry run capability

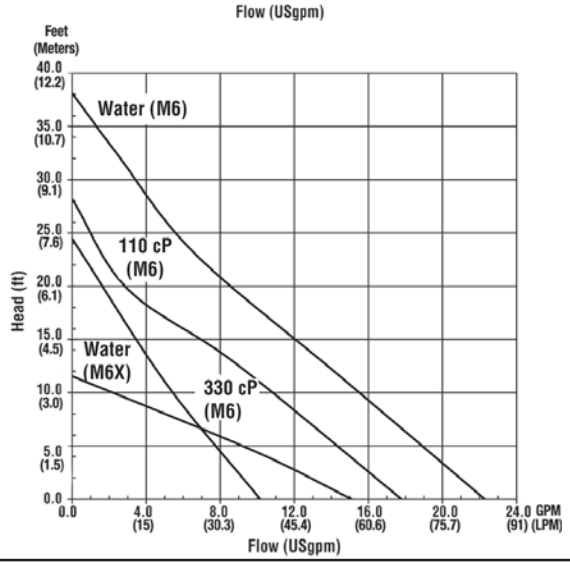
Performance

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

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

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





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Tube Specifications

PFV PFP PFS

CE

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

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 IP44	CE	230VAC/50-60 Hz	1/2 (.37)	10,000
M5T	TEFC, IP54	CE	230VAC/50-60 Hz	1/2 (.37)	10,000
M5X	EXP - IP54, EEX d IIA	CE Ex DEMKO TUV	230VAC/50-60 Hz	1/10 (.075)	5,000
M10X*	EXP - IP54, EEX d IIA	CE Ex DEMKO	230VAC/50-60 Hz	1/2 (.37)	10,000
M13	Splashproof IP44	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	Air†	CE		1/2 (.37)	300-6,000
M6X	Air†	CE		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, P/N A100835.

* 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.

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