



DRUM/BARREL PUMPS PF SERIES

ATEX Certified High Performance Drum Pump

Sealless drum pump with unique double suction impeller certified for container-to-container transfer of flammables or combustibles.

- 316 stainless steel tube
- Explosion proof electric or air motors
- Perlast® (perfluoroelastomer/FFKM) o-rings
- Threaded or hose barb discharge connections
- 1.2 m grounded hose with grounded wire assembly
- ATEX Ex II 2G Ex d ib IIB T5 Gb certified



Applications:

Acetone, alcohol, toluene, xylene, mineral spirits, diesel fuel, kerosene, gasoline, etc.



Construction Specifications

Pump Model	Construction Materials	Tube Diameter	Discharge	Hose Size	Maximum Temperature		Minimum Temperature		Tube Lengths
		in (cm)	Size & Type	in (cm)	°F	°C	°F	°C	in (cm)
PFS	316SS, Perlast, ETFE	2 (5.1)	1" Hose Barb	1 (2.54)	220	105	5	-15	27" (69 cm), 40" (102 cm), 48" (122 cm), 60" (152 cm), 72" (183 cm)

Perlast® is a registered trademark of Precision Polymer Engineering Limited.

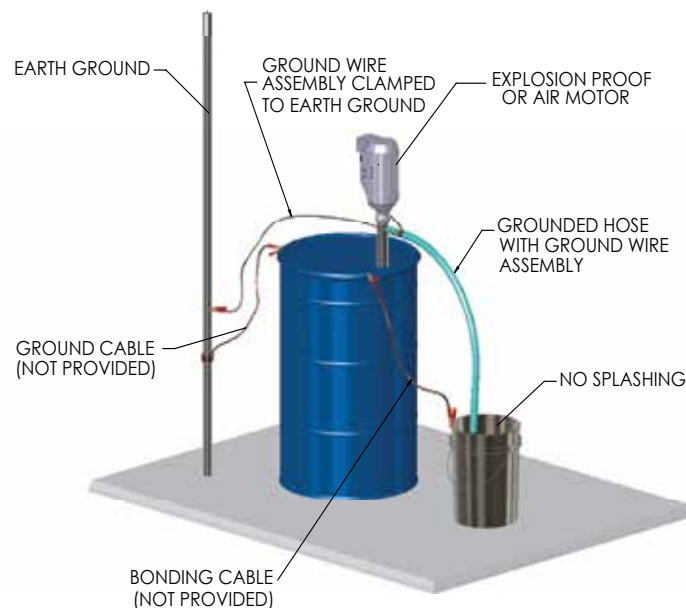
Performance Data

Maximum Flow		Maximum Head		Maximum Specific Gravity	Maximum Viscosity	
Electric gpm (lpm)	Air gpm (lpm)	Electric ft (m)	Air ft (m)		Electric	Air
7 (26)	7 (26)	80 (24)	38 (11.6)	1.8	2000 cP	330 cP

Use the handy online Pump Selector at www.finishthompson.com for help choosing a pump.



Explosion-proof Installation



DRUM/BARREL PUMPS

MOTOR DATA



Ex-Proof
(M5XV)



Air
(M6A, M6XA)

Model	Description	Certification	Electrical Requirements	Input	Output	RPM	Maximum Viscosity cP
				W	W		

Explosion Proof Motors

M5XV	Continuous duty, IP55. 12 ft. (3.5 m) cord without plug, downdraft cooling and quick connection to pump without tools. Variable speed, solid state overload protection, zero voltage release.	CE/ATEX Ex II 2G Ex d ib IIB T5 Gb	230VAC/50-60 Hz	1000	680	0-12,000	2000
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Air Motors

M6A	Lightweight. Operates from customer-supplied compressed air source. Variable speed. Muffler and control valve.	CE/ATEX Ex II 2 GDc T4+1CTa+40C	80-100 psi @ 15-32 cfm	-	400	300-9,000	330
M6XA			80-100 psi @ 15-32 cfm	-	600	300-6,000	330

STATIC PROTECTION KIT



Description	Non-Wetted Materials	Hose ID	Hose OD	Fitting Size	Fitting Type
Synthetic rubber cross-linked polyethylene (XLPE) with brass hose fittings and grounding wire	Synthetic rubber with imbedded grounding wire	1" (25.4 mm)	1.47" (37.3 mm)	1" (25.4 mm)	NPT or Barb

NOTE: ATEX compliance requires use of a Static Protection Kit.



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