



DRUM/BARREL PUMPS SF SERIES

Sealless, High Performance

Dual impeller options provides either high flow or high head with 40mm tube diameter for smaller bung openings.

- Polypropylene (PP), Pure PVDF, Pure PP/PVDF
- Interchangeable with motors
- Integral strainer on high-flow versions
- Up to 1200 cP



Applications:

Acids, bases, water treatment chemicals, cleaners, plating solutions, kidney dialysis solutions, diesel exhaust fluid (DEF)/AdBlue

SFP/SFM
SFM-DEF



SFV
SFVV



CONSTRUCTION SPECIFICATIONS

Pump Model	Construction Materials		Tube Dia. in (cm)	Discharge Size & Type	Hose Size in (cm)	Max. Temp.		Min. Temp.		Tube Lengths (all models)
	Outer Tube	Internals				°F	°C	°F	°C	
SFM	PP	PP, 316SS, FKM, PTFE	1.6 (4.0)	1" (25mm) Hose Barb	1" (2.54 cm)	150	66	35	1.7	27" (69 cm) 40" (102 cm) 48" (122 cm) 54" (137 cm) 60" (152 cm) 72" (183 cm)
SFV	PURE PP/PVDF	PP, Alloy 625, FKM, ETFE, PTFE				150	66			
SFP	PP	PP, Alloy 625, FKM, PTFE				150	66			
SFVV*	PURE PVDF	PVDF, Alloy 625, FKM, ETFE, PTFE				140	60			
SFM-DEF	PP	PP, 316SS, EPDM, PTFE		3/4" (19mm)	3/4" (19mm)	175	79			

*SFVV-72: 35°F (1.7°C) Minimum Temperature, 115°F (46°C) Maximum Temperature.

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	Electric	Air
37 (140)	31 (117)	50 (15)	32 (10)	1.84	2.0	1,000 cP	1,200 cP

Maximum Flow**		Maximum Head**		Maximum Specific Gravity		Maximum Viscosity	
Electric gpm (lpm)	Air gpm (lpm)	Electric ft (m)	Air ft (m)	Electric	Air	Electric	Air
24 (91)	20 (76)	83 (25)	62 (19)	2.0	2.0	1,200 cP	1,200 cP

**All testing performed with water at 68°F (20°C) in a full container. Actual performance may vary by +/- 10%. Actual performance will decrease with increased fluid viscosity and specific gravity.

VISCOSITY DATA

Viscosity (cP)	100	500	1000	1,200
Max Flow gpm (lpm)	23 (87)	8 (30)	4 (15)	2 (8)
Max Head feet (meter)	48 (15)	44 (13)	44 (13)	37 (11)

Note: Electric motors up to 1000 cP.
Air Motors up to 1200 cP

Viscosity (cP)	100	500	1000	1,200
Max Flow gpm (lpm)	18 (68)	8 (30)	6 (23)	2 (8)
Max Head feet (meter)	78 (24)	67 (20)	67 (20)	60 (18)

IMPELLERS



High Flow Imp.

High Head Imp.

