

BATCH CONTROL SYSTEM



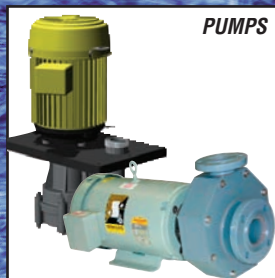
SERFILCO's Batch Control Systems (BCS) are engineered for high precision dosing and filling operations involving viscous materials. Batch Control Systems are available in a variety of immersion lengths and motor drives therefore offering versatility and safety for the most challenging applications. Simply dial in desired volume, press enter, and the BCS delivers a preset volume of material from drums and tanks – virtually hands-free. The positive displacement meter utilizes high viscosity oval gears.

IN-LINE DIGITAL FLOW SENSORS

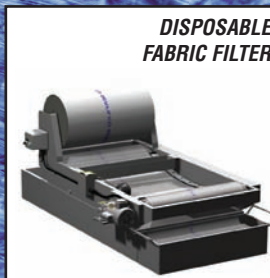


The Inline Digital Flow Sensors are ideal solution for flow measurement of viscous product. The positive displacement flow sensor can adequately handle a wide range of fluids viscosities to 1,000,000 cps. The Flow Sensors are available in a variety of configurations both 316 Stainless Steel and Aluminum.

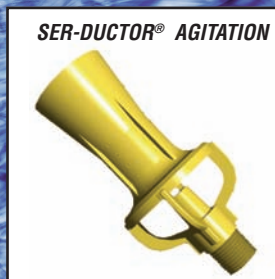
OTHER PRODUCTS AVAILABLE FROM SERFILCO



PUMPS



DISPOSABLE
FABRIC FILTER



SER-DUCTOR® AGITATION



AUTOMATIC FILTRATION
SYSTEMS



FILTER MEDIA



FILTRATION SYSTEMS

HIGH VISCOSITY PUMPS AND METERS



PAINT
INDUSTRY



PETROLEUM
INDUSTRY



ADHESIVES



SERFILCO®

WWW.SERFILCO.COM

800-323-5431

sales@serfilco.com

PROGRESSIVE CAVITY DRUM PUMPS

SERFILCO Progressive Cavity pumps are engineered to transfer high viscosity materials from drums, tanks and IBC containers. Utilizing the principle of positive displacement, these pumps deliver a continuous flow of material with little product degradation. The industrial 700 series are capable of delivering flow rates to 18 GPM (64 LPM) and discharge pressures to 174PSI (12 bar).

The SR series incorporates a precision made speed reducer and can handle viscosity to 25,000 cps.

The DD series utilizes a direct drive system and can handle viscosity to 100,000 cps.

All 316SS construction with elastomers in buna, viton, and PTFE.

Hose barb connection for ease in handling and cleaning



Discharge Fitting

Benefits

- Easy Maintenance
- Threaded Components
- Interchangeable Motor Drives
- Continuous Flow
- Low Shearing Properties



SERFILCO DD SERIES VISCOSITIES TO 100,000 CPS

Electrical

.75 Hp (.55 KW) to 2 HP (1.5 KW)
Convenient ON-OFF switch located on terminal box
12 FT of cable
TEFC and EXP Available

Pneumatic Drives

2HP (1.5 KW) to 5 HP (3.7 Kw)
The DD Series will accept all B14 frame options.
Motor horsepower is dependent on viscosity of material and pressure required.
Ideal for portable or semi-permanent installation.

Technical Data

Design:	Progressive Cavity /Positive Displacement
Max. Viscosity:	100,000cps (mPAS)
Discharge Port:	1.5" / 38mm hose barb, optional 1.25"/32mm
Stator Materials:	Teflon, Viton or Buna-N
Immersion Lengths:	27" (700mm) 39" (1000mm) 47" 1200mm) Please add 6" (150mm) to the Immersion length of pump for the 752 series pumps.
Mechanical Seal:	SiC/Viton/SiC
Wetted Materials:	Tube & Rotor Assembly: 316 Stainless Steel
Motor Drives:	Pneumatic or electric motors are available in 50 & 60 Hz, 230, 380, 415 & 460v
Fittings:	Large Type Acme Thread design enables operator to disassemble pump quickly for cleaning, maintenance, and inspection.
Mounting Flange :	B14/C140-160
Maximum Flow Rate:	18GPM / 64 LPM
Pressure:	174 psi / 12 bar



SERFILCO SR SERIES VISCOSITIES TO 25,000

The SR Series delivers:

Constant Flow
Constant Pressure
Constant rotor speed 900 RPM
Constant performance
Choice of motors 120/240/1/50/60 Hz
16 foot of electrical cord

Technical Data

Design:	Progressive Cavity / Positive Displacement
Max. Viscosity:	25,000 cps (mPAS)
Discharge Port:	1.5" / 38mm hose barb, optional 1.25"/32 mm
Mechanical Seal:	SiC / Viton / SiC
Stator Materials:	Teflon, Viton or Buna-N
Immersion Lengths:	27" (700mm) 39" (1000mm) 47" 1200mm) Please add 6" (150mm) to the Immersion length of pump for the 752 series pumps.
Wetted Materials:	Tube & Rotor Assembly: 316 Stainless Steel
Motor Drives:	SP-280P, SP-ENC, SP-400-2, SP-A2. Consult chart for viscosity ratings.
Fittings:	Large Type Acme Thread design enables operator to disassemble pump quickly for cleaning, maintenance, and inspection.
MaximumFlow Rate:	18GPM / 64 LPM
Pressure:	174 psi / 12 bar

