

Centrifugal Drum Pump Accessories

PART NUMBER: BARREL ADAPTER DESCRIPTION

9015 Barrel Adapter - Polypropylene 2" O.D. (51mm)
 9002 Barrel Adapter - Stainless 316 2" O.D. (51mm)



PART NUMBER: FUME BARRIER DESCRIPTION

9018 Fume Barrier - Polypropylene 2" (51mm), Viton Seal
 9019 Fume Barrier - Stainless 316 2" (51mm), Viton Seal

PART NUMBER: DESCRIPTION

9011 Polypropylene Mesh - .78" x .078" (19.8 x 2mm)
 9012 Stainless 316 Mesh - .78" x .078" (19.8 x 2mm)
 9043 PVDF - .78" x .078" (19.8 x 2mm)



PART NUMBER: DISPENSING NOZZLE DESCRIPTION

9017 Polypropylene - 1" O.D. (25 mm) - hose barb intake
 9026 Stainless 316 - 1" O.D. (25 mm) - hose barb intake
 9028 PVDF - 1" O.D. (25 mm) - hose barb intake
 9030 Aluminum Hand Dispensing Nozzle, 1" (25 mm)



PART NUMBER: DESCRIPTION

9006 Wall Storage Bracket



PART NUMBER: TRANSFER HOSE DESCRIPTION

9029 Clear PVC 1" I.D. x 1.25" O.D. (28 mm x 31 mm)
 Max operating pressure: 30 psi (2 bar)
 9032 Clear braided PVC 1" I.D. x 1.25" O.D. (28 mm x 31 mm)
 Max operating pressure: 130 psi (8.9 bar)

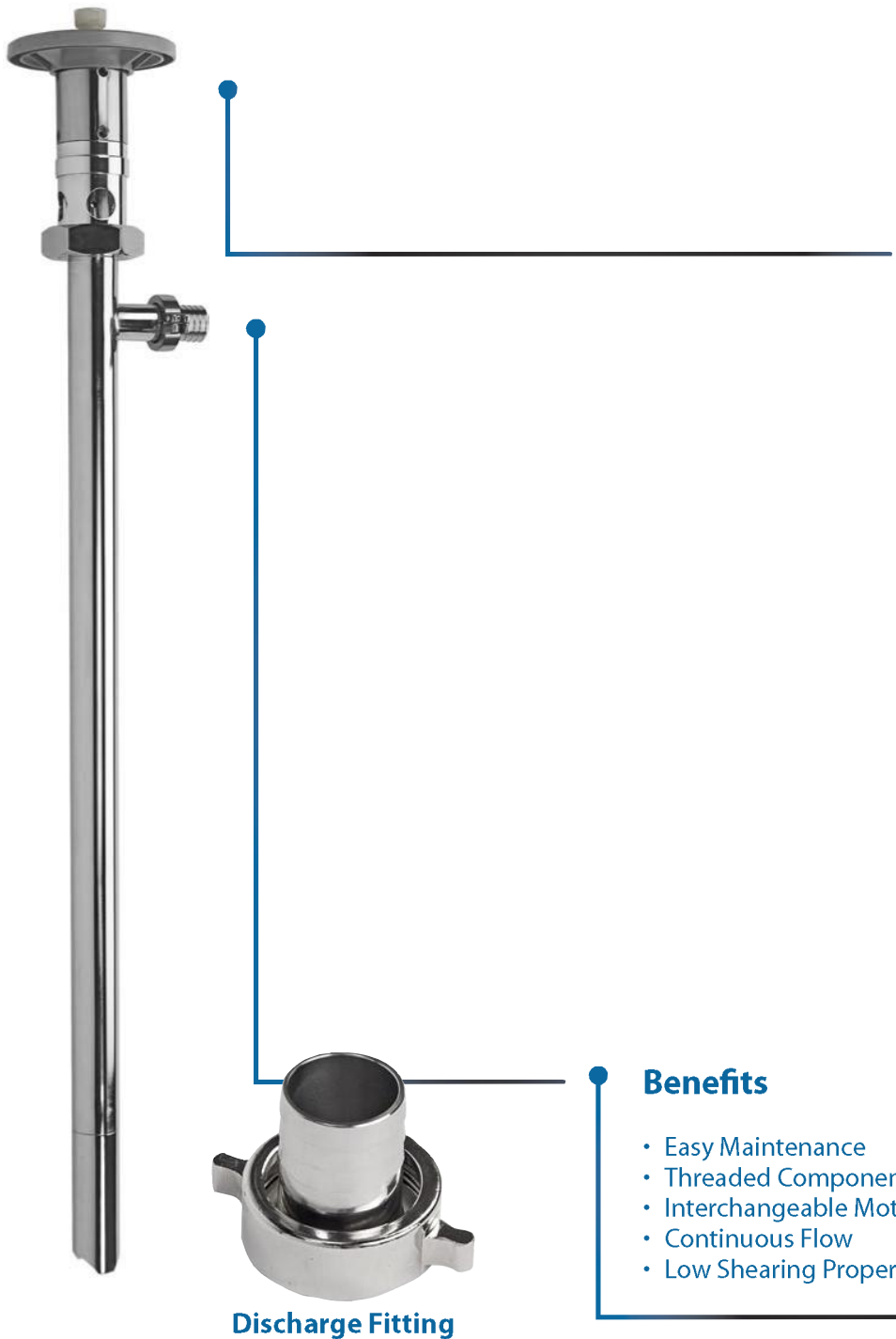


PART NUMBER: QUICK DISCONNECT DESCRIPTION

125A100C Polypropylene - 1.25" thread x 1" barb (28 mm x 25mm)



The SP-700SR pumps are engineered specifically for transferring viscous materials from drums and tanks commonly found in the industrial marketplace. The progressive cavity design delivers a continuous, smooth flow of material with little product degradation. Maximum viscosity is **25,000 cps (mPAS)**.



Discharge Fitting

Benefits

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

Motor Drives



SP-280 Series



SP-ENC Series



SP-400 Series

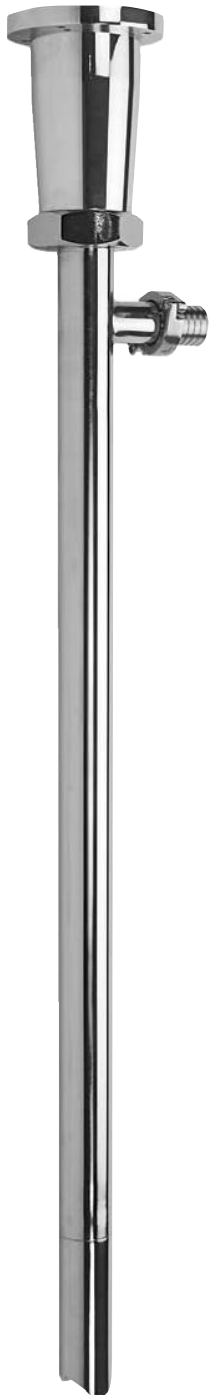


SP-A2 Series



Warning: When pumping flammable or combustible liquids pump tube must be used in conjunction with an explosion proof motor.

The SP-700DD pumps are engineered specifically for transferring viscous materials from drums and tanks commonly found in the Industrial marketplace. The progressive cavity design delivers continuous flow of material with little product degradation. Maximum viscosity is **100,000 cps (mPAS)**.



Common Applications

- Polymers
- Resins
- Adhesives
- Oil & Greases
- Paints
- Varnishes

Motor Drives



Electric



Pneumatic



Discharge Fitting

Benefits

- Easy Maintenance
- Threaded Components
- Continuous Flow
- Low Shearing Properties



Warning: When pumping flammable or combustible liquids pump tube must be used in conjunction with an explosion proof motor.



SP-500	0.75	,55	750–900	TEFC (IP55)	90LC	B14/C140	40 (18)
SP-510	1	,75	750–900	TEFC (IP55)	100LC	B14/C160	52 (24)
SP-520	1.5	1,1	750–900	TEFC (IP55)	100LC	B14/C160	58 (25)



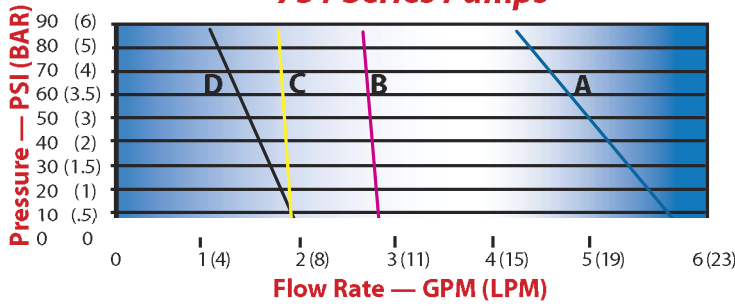
Industrial Pneumatic Motors

SP-A4	2	1,5	300–900	80 CFM @ 100 psi 37 L/Sec @ 7 Bar	IEC#72/D71 1/4" (6.35)	12 (5)
SP-A6	4	3,0	300–900	130 CFM @ 100 psi 65 L/Sec @ 7 Bar	IEC#72/D80 1/2" (12.7)	24 (11)
SP-A8	5	3,7	300–900	170 CFM @ 100 psi 80 L/Sec @ 7 Bar	IEC#72/D90 1/2" (12.7)	26 (12)

NOTE: Optimal pneumatic motor speed is 900 RPM.

750 RPM 50Hz Operation

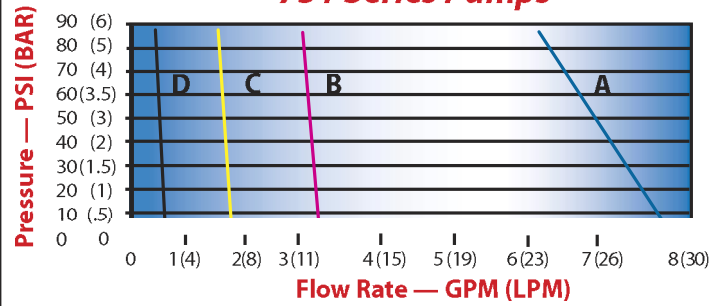
751 Series Pumps



A	1+	.5	,37
B	10,000+	1	,75
C	20,000+	1	1,2
D	30,000+	1.5	1,2

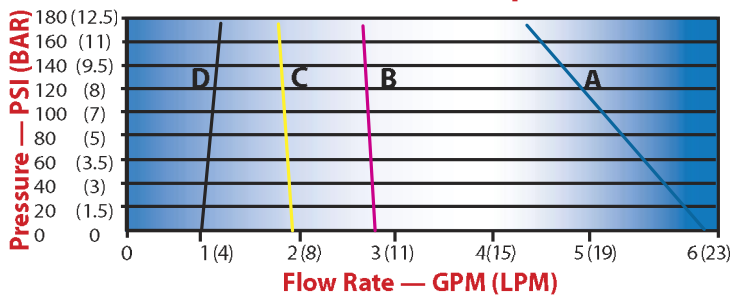
900 RPM 60 Hz Operation & Pneumatic Motors

751 Series Pumps



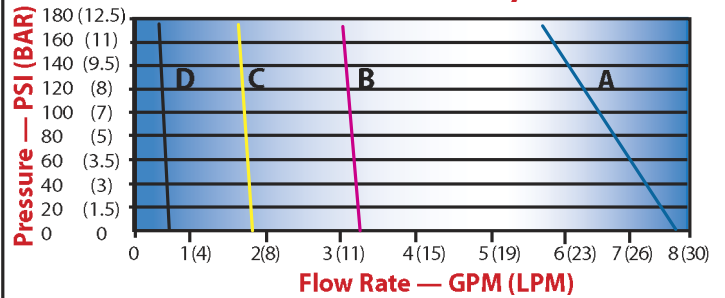
A	1+	.5	,37
B	10,000+	1	,75
C	20,000+	1	1,2
D	30,000+	1.5	1,2

752 Series Pumps



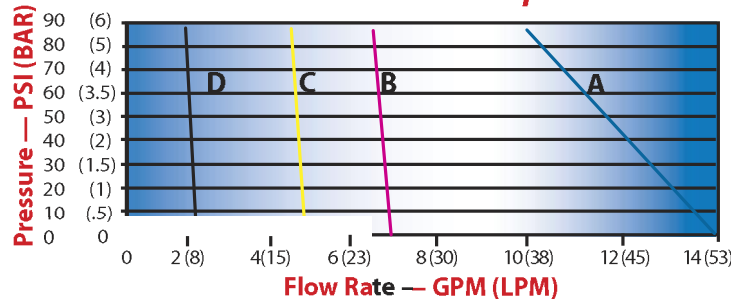
A	1+	.5	,37
B	10,000+	1	,75
C	20,000+	1	1,2
D	30,000+	1.5	1,2

752 Series Pumps



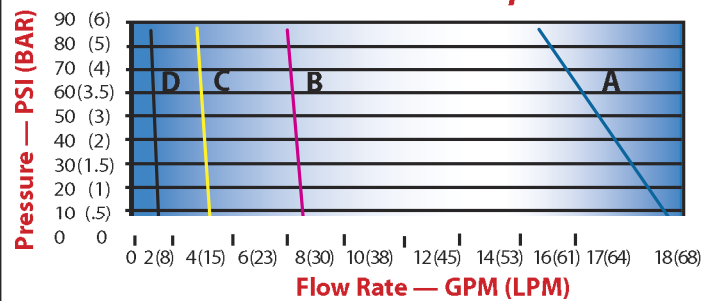
A	1+	.5	,37
B	10,000+	1	,75
C	20,000+	1	1,2
D	30,000+	1.5	1,2

1851 Series Pumps



A	1+	.5	,37
B	10,000+	1	,75
C	20,000+	1	1,2
D	30,000+	1.5	1,2

1851 Series Pumps



A	1+	.5	,37
B	10,000+	1	,75
C	20,000+	1	1,2
D	30,000+	1.5	1,2

Progressive Cavity Drum Pump Accessories

PART NUMBER:	DESCRIPTION
9038	Malleable iron two bolt clamp. Gripping ridges, reinforced lugs. Hose size from 1-48/64" to 2-3/64" (44.50 mm to 27 mm). Torque Value: 27 ft.lbs. (3.75 Kg/m) for proper attachment.



Recommended For: High pressure hydraulic oil lines. Tube: Black, oil resistant synthetic rubber. (Nitrile). Reinforcement: One braid of high tensile steel wire. Cover: Black, oil and abrasion resistant synthetic rubber. Flame Resistance: Meets Flame Resistant Designation "GL" Germanischer Lloyd. Meets Flame Resistant Designation "U.S. MSHA" of the US Department of Labour, Mine Safety and Health Administration.

Nom. ID DIN/in/Dash	Nom. OD mm	Bend Radius mm	Vacuum in/mm	Weight kg/m	Temp Range F°/C°
40 / 1.5 / -24	50,5	500	27/685.8	1,59	-30 to 220 / -34 to 104
Max Dynamic WP BAR/PSI		Max Static WP BAR/PSI		Min Burst Pressure BAR/PSI	
725/50		970/67		2900/200	

PART NUMBER: 9039



PART NUMBER:	DESCRIPTION
743	Hangar, DD Series



PART NUMBER:	QUICK DISCONNECT DESCRIPTION
150DSS/150ESS	1.5" (38 mm), SS316 Cam Lever Couplings, BUNA N gaskets, Max. pressure: 150 psi (10 BAR).



Features

- Measure flow rate and volume
- Turbine Paddle Wheel Design
- Multiple languages
- Measures: gallons, liters, cubic meters, milliliters, imperial gallons
- Re settable Totalizer
- +/- .05 % accuracy of reading



Common Applications

- Chemical Packaging
- Adding Chemistry To P



Technical Specifications

Available Wetted Parts
Motor Drive

Polypropylene & PVDF
Open Drip Proof (IP44) or TEFC (IP55)
(110v or 230v)

Discharge Fitting
Pumping Principle

1" (25mm) Hose Barb
Centrifugal

Flow Capacity

25 GPM (95 LPM)

Maximum Viscosity

300 cps / mPAS

Paddle Wheel Materials

PVDF & Ceramic

Immersion Length

27" (700mm), 39" (1000mm), 47" (1200mm)
60" (1500mm), 72" (1800mm)

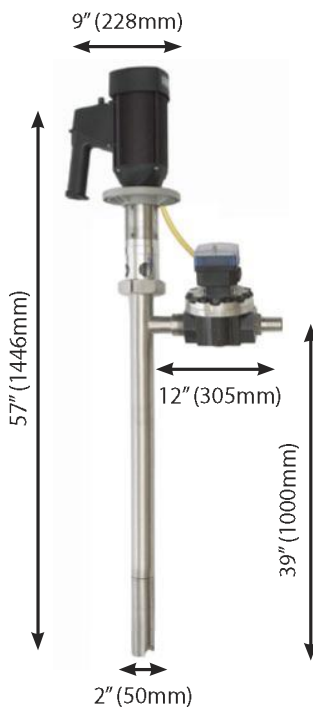
Features

- Measure flow rate and volume
- Oval gear design
- Multiple languages
- Measures: gallons, liters, cubic meters, milliliters, imperial gallons
- Re settable Totalizer
- +/- .05 % accuracy of reading



Oval Gear Design

Common Applications



Technical Specifications

Model Numbers

7310 – TEFC Motor (110v)

7311 – TEFC Motor (230v)

7312 – ODP Motor (110v)

7313 – ODP Motor (230v)

Wetted Parts

316SS / Viton / Aluminum

Motor Drive

Open Drip Proof (IP44) or TEFC (IP55)

Intake/Discharge

2" (50mm) / 1 1/2" (38mm) Hose Barb

Pump Seal

Mechanical – SiC/Viton/SiC

Pumping Principle

Progressive Cavity – Positive Displacement

Max. Discharge Pressure

87 psi (6 bar)

Flow Range

2.6 GPM (9.8 LPM) – 15 GPM (56 LPM)

System Weight

44 Lbs (20 Kg)

Immersion Length

39" (1000mm)

Maximum Viscosity

25,000 cps / mPAS

Measuring Principle

Oval Gear Positive Displacement Meter

Maximum Particle Size

1/4" (6mm)



DIGITAL TURBINE FLOW METERS *(PADDLE WHEEL)*



Common Applications

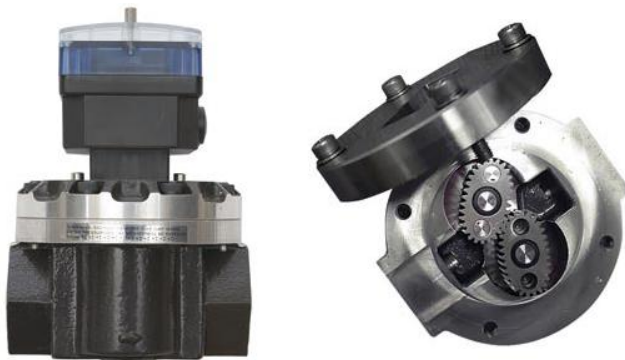
- Pump Measurement
- Gravity Feed Applications From Tanks
- System Monitoring
- Adding Chemistry to Plating Tanks
- Chemical Packaging
- Blending Agricultural Products
- Adding Colors and Fragrances

Features

- Measure flow rate and volume
- 9v Lithium battery
- Multiple languages
- Measures: gallons, liters, cubic meters, milliliters, imperial gallons
- Re-settable totalizer +/- .05 % accuracy.
- ½" (15mm) - 2" (50mm)
- Available materials: PP, PVDF, SS & CPVC

DIGITAL POSITIVE DISPLACEMENT FLOW METERS *(OVAL GEAR)*

STANDARD'S positive displacement flow meters are suitable for measuring a broad scope of materials ranging from water-like liquid to viscous materials. The meter utilizes proven oval gears technology to accurately measure flow rate and volume dispensed. The meter housing is available in Aluminum or Stainless Steel and the Oval gears are available in PPS or Stainless. These meters are equipped with the 1/4 Lock & Turn design enabling operators to move a single controller to several flow chambers.



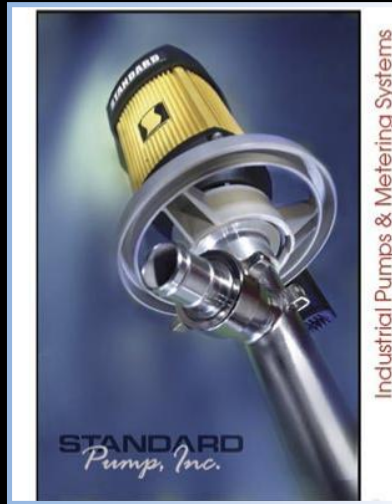
Common Applications

- Pump Measurement
- Filling Applications
- Viscous Materials

Features

- Measure flow rate and volume
- Multiple languages
- Measures: gallons, liters, cubic meters, milliliters, imperial gallons
- Re settable Totalizer
- +/- .05 % accuracy
- FNPT Port Connections range from ½" (15mm) - 2" (50mm)
- Available in Stainless or Aluminum

BARREL AND CONTAINER PUMPS



Industrial Pumps & Metering Systems



Sanitary Pumps & Metering Systems

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