

# STANDARD *Pump, Inc.*



**3 YEAR  
WARRANTY**

## **Industrial Drum Transfer Pumps**

**SP-700SR & SP-700DD**

P/N: SP700-0613



# Industrial **SAFETY** Solutions

## **SAFETY:**

As a leading pump manufacturer, Standard is known for our commitment to product quality and SAFETY serving the operations and maintenance professionals. Standard Pump products are certified to meet globally recognized SAFETY standards and guidelines to include Underwriters Laboratories (UL), Canadian Standards Association (CSA), Community European mark (CE) and European hazardous duty equipment (AtEx).

## **GLOBAL COMMITMENT:**

Standard Pump has a global presence supporting factory authorized distributors in fifty-two countries. Our world headquarters is located in Atlanta, GA (USA). A global support team provides sales and support staff, complete inventory and engineering in Copenhagen, Denmark and Shanghai, China.



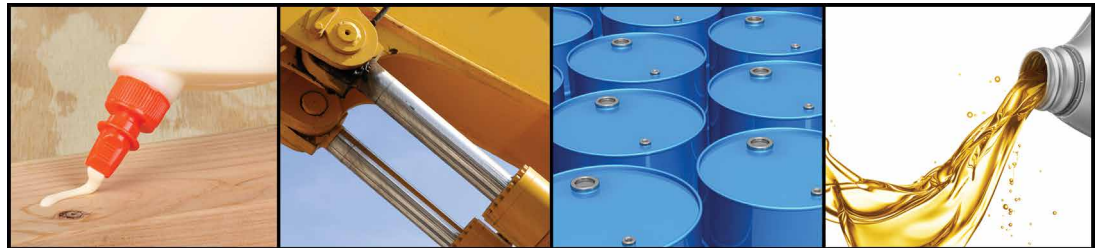


# High Viscosity Solutions



# SP-700SR Series

Standard's 700SR Series pumps are engineered to transfer viscous materials from drums and Intermediate Bulk Containers (IBC). The progressive cavity design delivers a continuous flow of material with little product degradation. Pumps are available with TEFC and Hazardous Duty motors. Maximum viscosity is **25,000 cps (mPas)**.



## Features

- Easy To Clean & Maintain
- Interchangeable Motor Drives
- Continuous Flow
- Low Shearing Properties
- Threaded Component

## Common Applications

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

## Technical Specifications

**Immersion Lengths:**

27" (700 mm), 39" (1000 mm) or 47" (1200 mm)

**Stator Material:**

PTFE, Viton® or Buna-N

**Motor Drives:**

Variable Speed TEFC (IP54) & Explosion Proof

**Duty Cycle:**

Intermittent

**Maximum Viscosity:**

25,000 cps (mPAS)

**Maximum Discharge Pressure:**

174 psi (12 bar)





**Maximum Flow Rate:**

12 GPM (45 LPM) based on water



## Motor Drives

### SP-ENC Series

MODEL	ENCLOSURE	CERTIFICATION	POWER	WATT	V.S.D.	SHIPPING WT
SP-ENC	TEFC (IP54)		110-120V/1/50-60Hz	825	No	12.7 lbs (5,7 kg)
SP-ENC-V	TEFC (IP54)		110-120V/1/50-60Hz	825	Yes	12.7 lbs (5,7 kg)
SP-ENC-2	TEFC (IP54)		220-240V/1/50-60Hz	825	No	12.7 lbs (5,7 kg)
SP-ENC-2-V	TEFC (IP54)		220-240V/1/50-60Hz	825	Yes	12.7 lbs (5,7 kg)

 **WARNING:** Not suitable for pumping flammable or combustible liquids.

**Note:** V.S.D. = Variable Speed Drive



### SP-420EX



MODEL	ENCLOSURE	CERTIFICATION	POWER	WATT	V.S.D.	SHIPPING WT
SP-420EX	Explosion Proof	 	220-240V/1/50-60Hz	600	No	17 lbs (7,7 kg)

**ATEX Certification:** II 2G Ex d IIA T4 FTZU 12 ATEX 0225X

**Note:** Explosion proof motor regulations require that motors be returned to the manufacturer for repair.

**Note:** V.S.D. = Variable Speed Drive

For more information scan this QR code with your smartphone.



# SP-700DD Series

**Standard's 700DD Series** pumps are designed to transfer viscous materials from drums, Intermediate Bulk Containers (IBC) and large storage vessels. Utilizing the principle of positive displacement, these pumps deliver a continuous flow of material with little product degradation. Pumps are available with a TEFC electric or air powered motors. Maximum viscosity is **100,000 cps (mPas)**.



## Features

- Easy To Clean & Maintain
- Interchangeable Motor Drives
- Continuous Flow
- Low Shearing Properties
- Threaded Component

## Common Applications

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

## Technical Specifications

<b>Immersion Lengths:</b>	27" (700 mm), 39" (1000 mm) or 47" (1200 mm)
<b>Stator Material:</b>	PTFE or White Buna
<b>Motor Drives:</b>	TEFC (IP55) or Air
<b>Duty Cycle:</b>	Continuous
<b>Maximum Viscosity:</b>	100,000 cps (mPAS)
<b>Maximum Discharge Pressure:</b>	174 psi (12 bar)
<b>Maximum Flow Rate:</b>	12 GPM (45 LPM) based on water





## Motor Drives

### Electric Motor 190/380 // 230/460 / 3 / 50-60 Hz

MODEL	HP	KW	RPM	ENCLOSURE	FRAME	FLANGE
SP-502	.75	,55	750-900	TEFC (IP55)	90LC	B14/C140
SP-512	1.0	,75	750-900	TEFC (IP55)	100LC	B14/C160
SP-522	1.5	1,1	750-900	TEFC (IP55)	100LC	B14/C160



## Air Motor

MODEL	HP	KW	RPM	AIR CONSUMPTION	FRAME	AIR CONN.
SP-A4	2.0	1,5	300-900	80 CFM @ 100 psi 37 L/Sec @ 7 bar	IEC#72/D71	.375"
SP-A6	4.0	3,0	300-900	130 CFM @ 100 psi 65 L/Sec @ 7 bar	IEC#72/D80	.5"
SP-A8	5.0	3,7	300-900	170 CFM @ 100 psi 80 L/Sec @ 7 bar	IEC#72/D90	.5"

**⚠ WARNING:** Pumping of flammables or combustible liquids can generate a static electric discharge, causing fire or explosion resulting in injury or death. Read and understand operating instructions before starting this unit. Follow all federal, state and local safety codes including NFPA 30 - NFPA77. Prior to connecting to air supply, install bond and ground wires and check continuity of each wire. A meter reading of one ohm or less is required for safe liquid transfer. Use only metallic drum, receiving vessel and metallic pump when pumping flammables. Air motors are not recognized under any current Underwriter's Laboratory listing program. Consult a qualified engineer for suitability for use in a hazardous area or on flammables.

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# Accessories



## Hose Barb

Hose Barb, SS316L, 1.25" (32 mm) OD

Hose Barb, SS316L, 1.5" (38 mm) OD



## Pump Hanger

The pump hanger provides a convenient solution for attaching the pump to a hoist system.



## Transfer Hose

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 Labor, Mine Safety and Health Administration.



## Discharge Hose Clamp

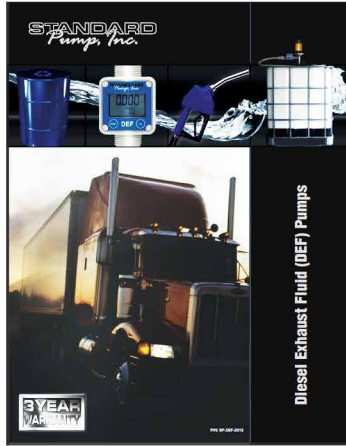
Malleable Iron Two Bolt Clamp, Gripping Ridges, Reinforced Lugs  
Hose Size from 1-48/64" to 2-3/64" (44,50 mm to 52 mm)  
Torque Value: 27 ft. lbs (3,75 kg/m) for Proper Attachment



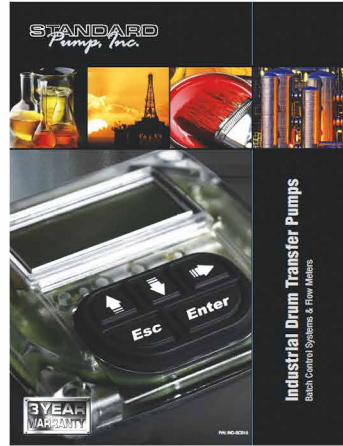
## Quick Disconnect

1.5" (38 mm), SS316 Cam Lever Couplings,  
Buna N Gaskets, Max. Pressure: 150 psi (10,2 bar).

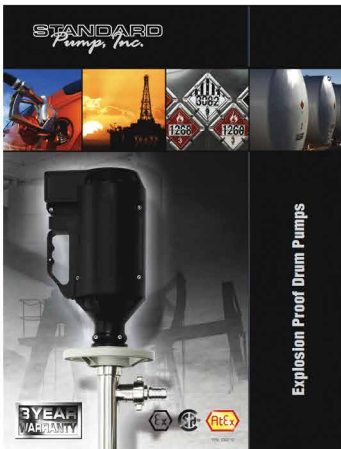
# Additional Products



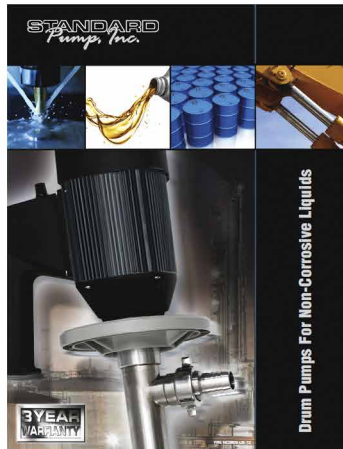
**DEF Drum Pumps**



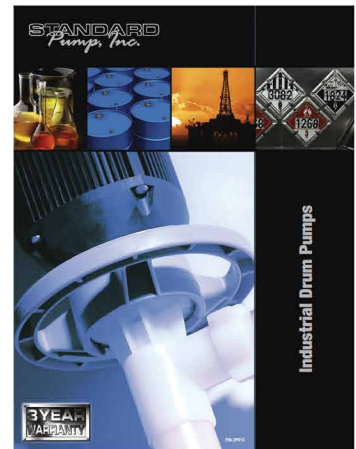
**Metering Systems**



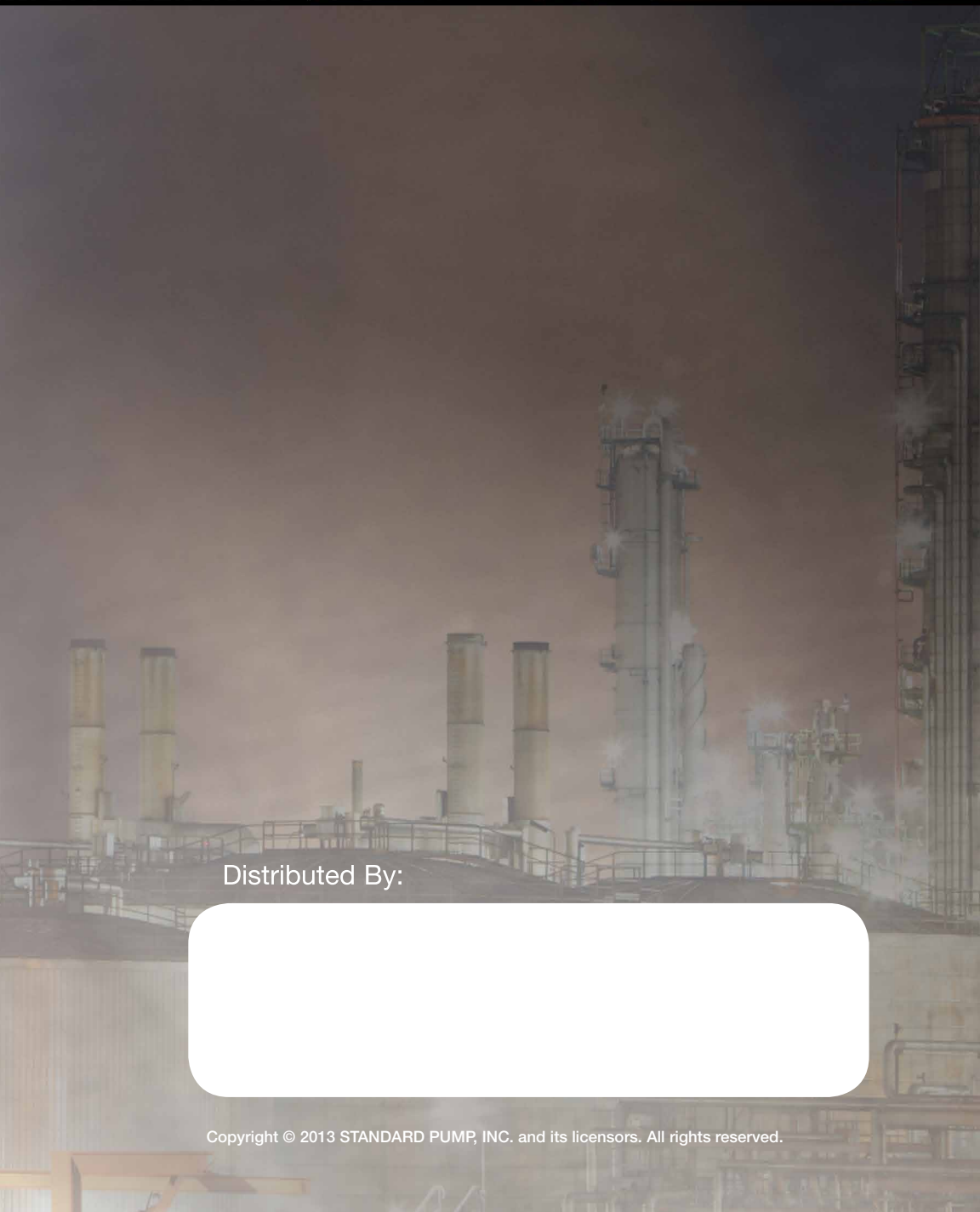
**Hazardous Duty Pumps**



**Drum Pumps For  
Non-Corrosive Liquids**



**Industrial  
Centrifugal Pumps**



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