

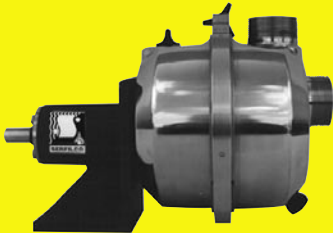
SERFILCO®

SERIES 'I' SELF-PRIMING CENTRIFUGAL PUMPS

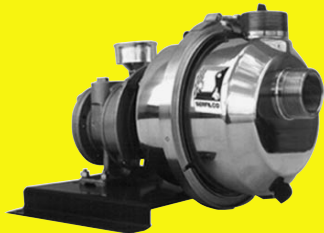
BULLETIN
P-631B
JULY 2005



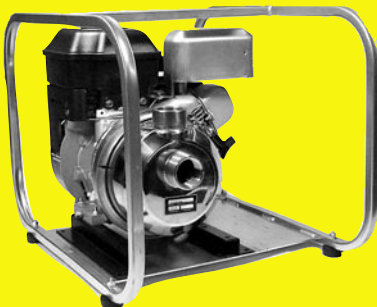
**CLOSE-COUPLED
ELECTRIC**



**PEDESTAL MOUNTED
for flexible coupling**



PNEUMATIC



GASOLINE ENGINE

EFFICIENT LIGHTWEIGHT CHEMICALLY RESISTANT

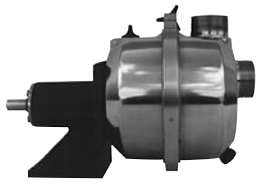
***CHEMICALS / WASTES
ACIDS / INDUSTRIAL LIQUIDS
OILFIELD / AQUACULTURE
AGRICULTURE***

- **Corrosion resistant materials**
Stainless steel casing, fiberglass reinforced polyester, polypropylene, or Rytan® internals, choice of elastomers. See a chemical resistance chart for compatibility.
- **Suction lift to 20 feet (6m) vertical***
- **Flows to 170 GPM or 75 ft. TDH**
(To 650 LPM or 23m TDH)
- **Dual ports 1-1/2" and 2", NPT or BSP**
- **Built-in check valve and double flush volute**
- **Close-coupled, long coupled or pedestal mounted**
- **Gasoline engine, electric, hydraulic or pneumatic motors**
- **Wetted metallic components are 316 stainless steel**

Series 'I' Self-Priming Centrifugal Pumps are constructed with 316 stainless steel housing, fiberglass reinforced polyester, polypropylene, or Rytan® internals, EPDM, Buna-N or Viton® elastomers, 304SS external hardware and quick release clamp. All pumps include a built-in check valve, and a double flush volute. Series 'I' pumps are close-coupled to gasoline engines; or electric, hydraulic and pneumatic motors to fit most power requirements. They may also be pedestal mounted for long coupling to electric or gasoline drivers; or for flexible coupling to the user's driver. This lightweight, self-priming pump provides corrosion resistance and efficient performance for a wide variety of water and corrosive liquid applications.

* Based on water-like liquids at 70°F and at 3450 RPM after initial priming of pump housing.

SERIES 'I' SELF-PRIMING PUMP specifications



PEDESTAL MOUNTED

CLOSE COUPLED PUMP with ELECTRIC, HYDRAULIC or PNEUMATIC DRIVE

Pump with 316 stainless steel housing, polypropylene internal parts, 316 stainless steel housing clamp, 316 SS internal fasteners, and EPDM elastomers. Pump includes polypropylene baseplate on close coupled electric models, steel baseplate on close coupled hydraulic and pneumatic models. Motor shafts are extended with 316 SS shaft adapter. Pumps available with Viton elastomers, pedestal mounted, or long coupled.

Consult Sales Department for Ryton® or polyester internals.



CLOSE COUPLED ELECTRIC



PNEUMATIC

FLOW CURVE LETTER (RPM)	PORT SIZE	MAX. FLOW RATE		MAX. TDH		HP/RPM	SHIP WEIGHT	MODEL NUMBER	PRICE CODE NO.	ELECTRIC MOTOR 60 Hz*		
		IN.	GPM	LPM	FT.					m	ADD TO MODEL & PRICE CODE NUMBER	
											115/230V/1/60	230/460V/3/60
G	1½/2	170	530	72	16	3/3450	3/3450	59/69	64-62G4-	C3.OC	D3.OC	
										HYDRAULIC	PNEUMATIC	
G	1½/2	170	650	72	22	3/3450	3/3450	24	64-62G4-	HYC	-	
G	1½/2	140	530	50	15	1.7/2900	.7/2900	47	64-62G4-	-	-PNC	

PUMP with GASOLINE ENGINE DRIVE

Pump with 316 stainless steel housing, polypropylene internal parts, 316 stainless steel housing clamp, 316 SS internal fasteners, and EPDM elastomers. Pump mounted on base rails with carrying handle. Engine shaft shielded with heat shrink polyethylene tubing.

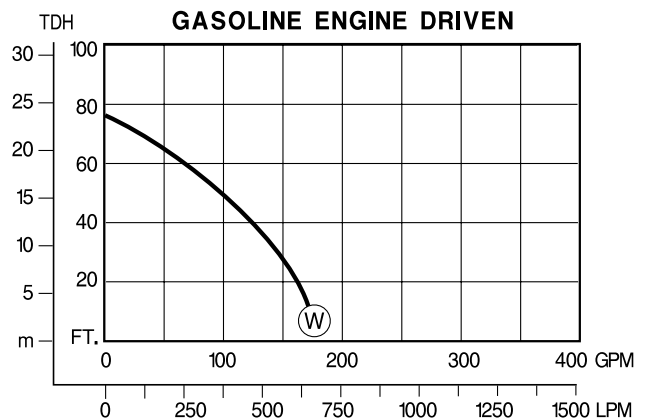
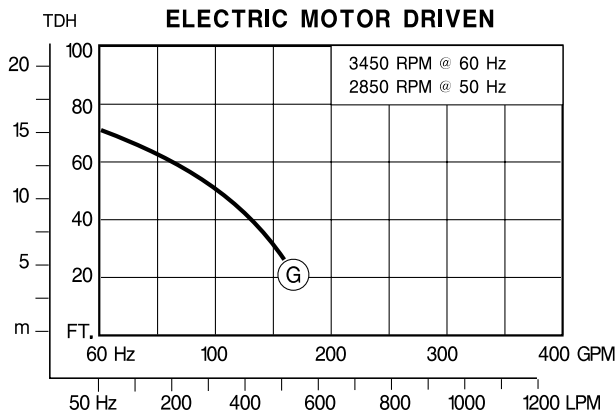


GASOLINE ENGINE

FLOW CURVE LETTER	PORT SIZE	MAX. FLOW RATE		MAX. TDH		SHIPPING WEIGHT	MODEL NUMBER	PRICE CODE NUMBER	ELECTRIC MOTOR 60 Hz¹			
		IN	GPM	LPM	FT.				m	LBS	ADD TO MODEL &	
											STANDARD	HEAVY DUTY
W	1½/2	170	650	75	23	44	ISE 2WL	58-52W4	E3CP	E3ACP		

*5.5 HP units with roll cage, good to 1.8 SG

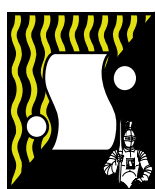
FLOW CURVES



¹ Consult Application Engineering Department for 50 Hz. motors.

F.O.B. Northbrook, Illinois

Specifications subject to change without notice.



SERFILCO®, LTD.

2900 MacArthur Blvd. 847-509-2900
Northbrook, IL 60062-2005 U.S.A. 800-323-5431
e-mail: sales@serfilco.com FAX: 847-559-1995
www.serfilco.com