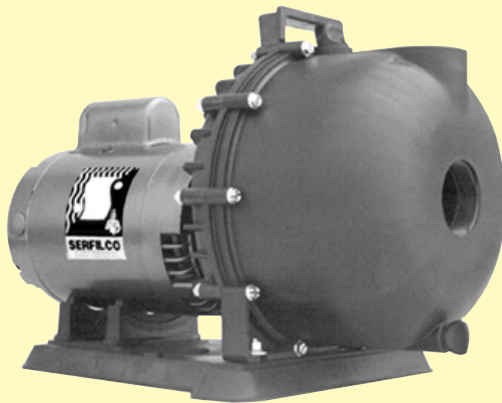


**SELF-PRIMING CENTRIFUGAL PUMPS FOR
TRANSFER AND RECIRCULATION OF:****CHEMICAL SOLUTIONS
WASTE TREATMENT
ACIDS / INDUSTRIAL LIQUIDS****CLOSE-COUPLED
ELECTRIC**

*Also available as long coupled,
pedestal mounted pump.
(Consult Sales Department.)*

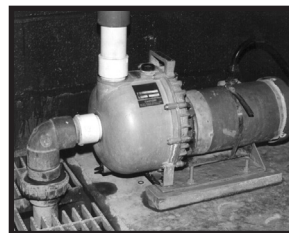
- **Flows to 270 U.S. GPM or 120 ft. TDH @ 60 Hz**
(To 845 LPM or 25.0m TDH @ 50 Hz)
- **Choice of materials -**
Glass reinforced polyester, polypropylene or
Ryton® with 316 SS internal hardware
(See a Chemical Resistant chart)
- **Non-metallic solution contact models
available**
- **Will reprime to 25 ft. (7.6m) vertical***
- **Close-coupled**
- electric motor driven
- **Built-in check valve**
- **BSP threads available on polyester models**

The **Series 'S' Self-Priming Centrifugal Pump** is a chemically resistant pump for general service on water, salt water, mild acids and bases. It is offered in a choice of glass reinforced polyester, polypropylene or Ryton® construction to provide a maximum range of chemical resistance. It is available with a choice of elastomers and 316 stainless steel internal hardware or with completely non-metallic solution contact. The pump comes standard with 304 stainless external hardware.

All pumps include a built-in check valve and feature a self-cleaning double volute which allows the Series 'S' pump to self prime and lift to 25 ft.

The self priming capability and chemical resistance make this an ideal chemical transfer, waste treatment, and emergency / backup pump.

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

**WASTE TREATMENT****SOLUTION TRANSFER**

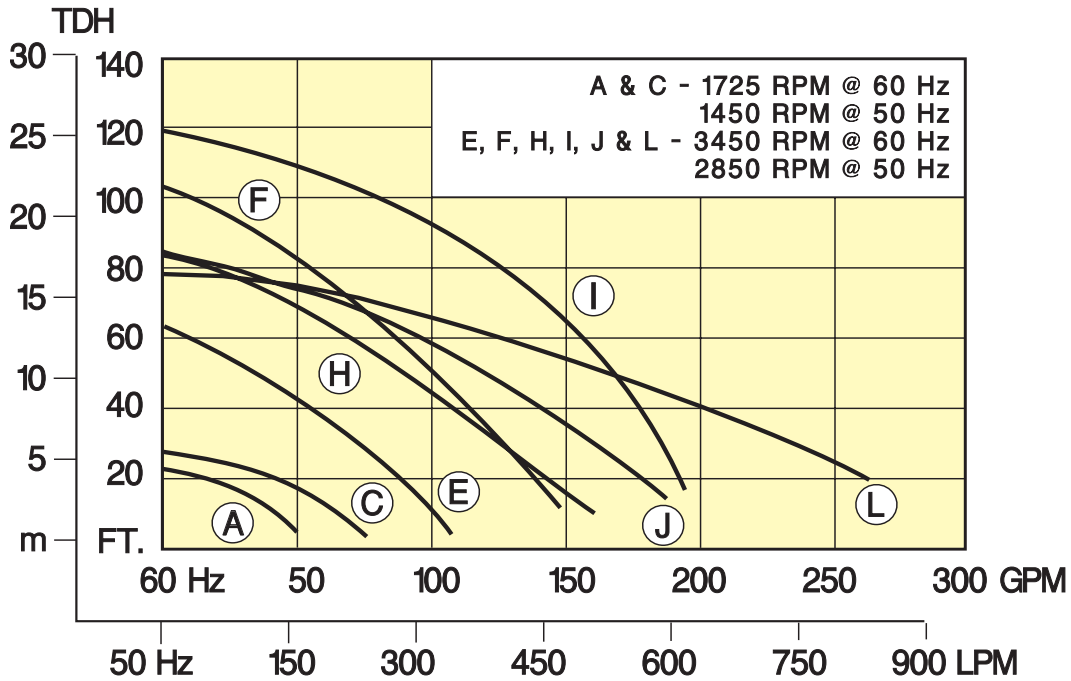


SERIES 'S' | SELF-PRIMING CENTRIFUGAL PUMPS

P-630_C
Page 2

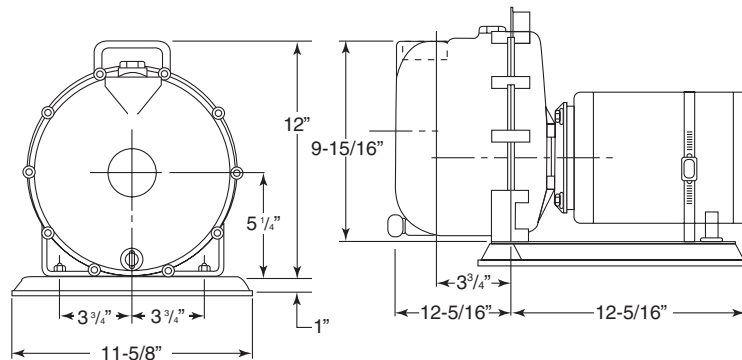
2900 MacArthur Blvd. Northbrook, IL. USA 60062 www.serfilco.com (800) 323 - 5431

ELECTRIC MOTOR DRIVE

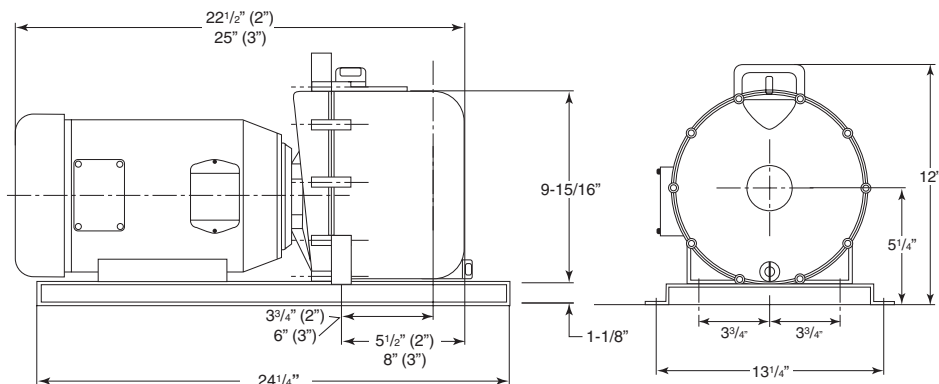


DIMENSIONS

1½" & 2" Pumps
to 3.0 HP
(3 phase)



2" & 3" Pumps
5.0 HP
(3 phase)





SERIES 'S' | SELF-PRIMING CENTRIFUGAL PUMPS

P-630_C
Page 3

2900 MacArthur Blvd. Northbrook, IL. USA 60062 www.serfilco.com (800) 323 - 5431

TO ORDER, Use Price Code

TABLE I

Pump molded of glass reinforced polyester with 316 stainless steel internal fasteners, 304 SS external fasteners, EPDM "O"-rings and gasket, check valve, polypropylene baseplate, close coupled electric motor.

FLOW	PORT SIZE	MAX. FLOW RATE		MAX. TDH		MAX. HP REQ'D		MODEL NUMBER	PRICE CODE NUMBER	ELECTRIC MOTOR 60 Hz	
										ADD TO MODEL & PRICE CODE NO . . .	
										115/230V/1/60	230/460V/3/60
										TEFC	TEFC
A	1 1/2	50	157	22	4.4	0.5/1750	0.3/1450	SE1 1/2AL-	64-11A4-	G.5C	H.5C
C	1 1/2	70	219	27	5.6	1.0/1750	0.6/1450	SE1 1/2CL-	64-11C4-	G1.0C	H1.0C
E	2	110	344	62	13.0	1.4/3450	0.8/2850	SE2EL-	64-12E4-	C2.0C	D2.0C
F	2	150	471	105	21.9	3.0/3450	1.7/2850	SE2FL-	64-12F4-	--	D5.0C
H	2	155	485	82	17.1	2.6/3450	1.5/2850	SE2HL-	64-12H4-	--	D3.0C
I	2	195	610	120	25.0	5.0/3450	2.8/2850	SE2IL-	64-12I4-	--	D5.0C
J	2	185	579	83	17.3	4.0/3450	2.3/2850	SE2JL-	64-12J4-	--	D5.0C
L	3	270	845	79	16.5	5.0/3450	2.8/2850	SE3LL-	64-13L4-	--	D5.0C

TABLE II

To determine pump-motor for a selected GPM and/or TDH, first select the appropriate impeller from curve on the previous page. Use Table I to identify the part size for a given flow curve. Multiply HP req'd shown in Table I by specific gravity to determine motor size. Select pump materials. Then construct Model and Price Code Numbers.

EXAMPLE:	PUMP	+	PORT	+	IMPELLER	+	SEAL	+	MOTOR	
MODEL	SE	+	2	+	E	+	L	+	-D2.0C	=SE2EL-D2.0C
PRICE CODE NO.	64-1	+	2	+	E	+	4	+	-D2.0C	=64-12E4-D2.0C

PUMP

PUMP	PRICE CODE NO.
SE (polyester)	64-1
SP (polypropylene) ²	64-2
SY (Ryton)	64-3

PORT + IMPELLER

PORT SIZE - NPT ¹		IMPELLER	
MODEL	PRICE CODE NO.	MODEL & PRICE CODE NO.	
1 1/2	1	A,C	
2	2	A,C,E,F,H,I,J	
3	3	L	

SEAL, ELASTOMERS & INTERNAL FASTENERS

DESCRIPTION	MODEL	PRICE CODE NO.
Viton w/316 stn. steel fasteners	V	1
Buna-N w/316 stn. steel fasteners	B	2
EPDM w/316 stn. steel fasteners	L	4
Non-metallic solution contact, EPDM	LN	88
Non-metallic solution contact, VITON	VN	99

ELECTRIC MOTORS 60 Hz³

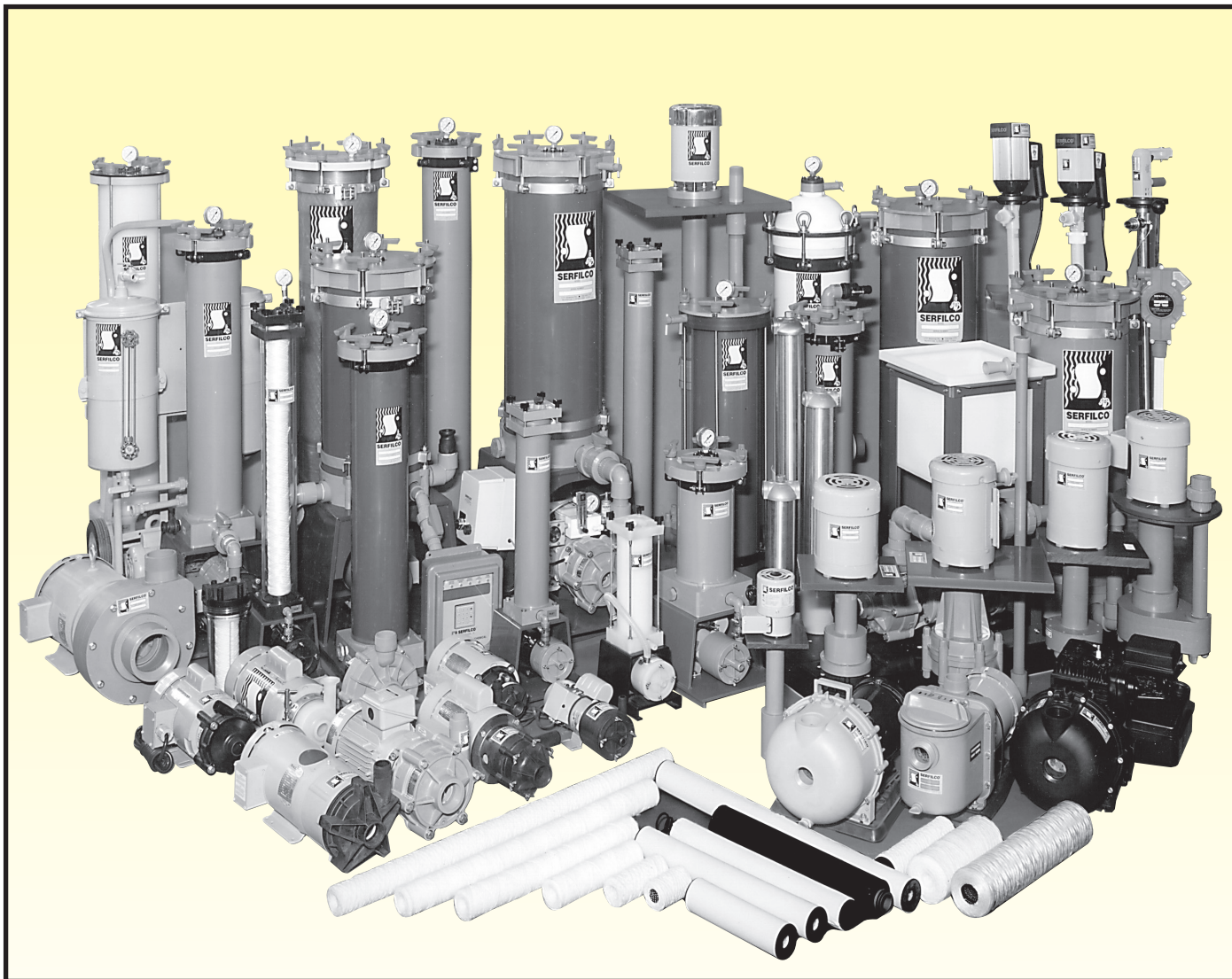
HP	RPM	ADD TO MODEL & PRICE CODE NO . . .	
		115/230V/1/60	230/460V/3/60
		TEFC	TEFC
.5	1750	G.5C	H.5C
.75	1750	G.75C	H.75C
1.0	1750	G1.0C	H1.0C
1.5	1750	G1.5C	H1.5C
2.0	3450	C2.0	D2.0C
3.0	3450	--	D3.0C
5.0	3450	--	D5.0C

¹ For BSP threads, add **B** in 4th digit of Model No. and change Price Code No. from **1** to **4**, **2** to **5**, **3** to **6**. Note: Impeller designation now becomes the 5th digit of model number only for BSP pumps.

² Polypropylene pump includes Ryton volute.

³ For 50 Hz operation consult Sales Department.

Also available from SERFILCO:



Your one-stop source for pumping, filtration and purification needs!

SERFILCO can help you realize the economic value of clarification and purification of your process solutions and waste streams. Our wide range of pumps, filters, packaged systems, accessories and related control instruments make it possible for you to take advantage of one-stop shopping for all of your liquid handling needs. With modern filtration technology at work in your facility, you can reduce waste, lower your manufacturing costs, and enhance product integrity.

We've been serving industry worldwide for 50 years. We're ready to serve you, too!