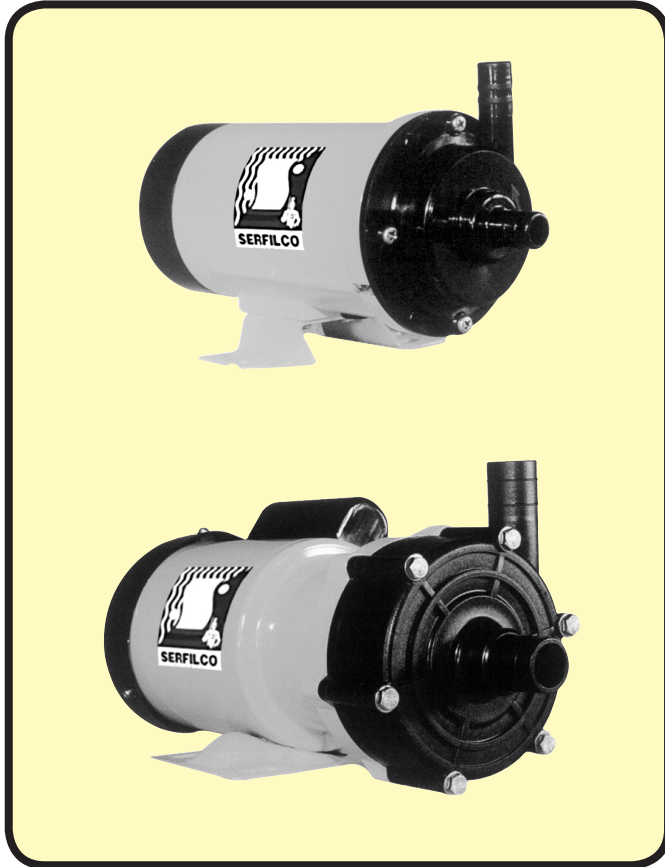


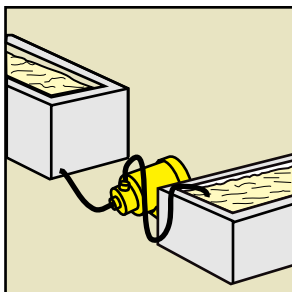
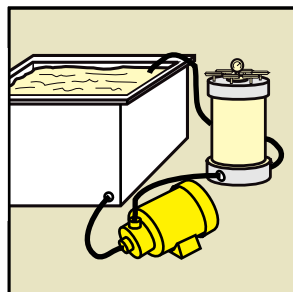
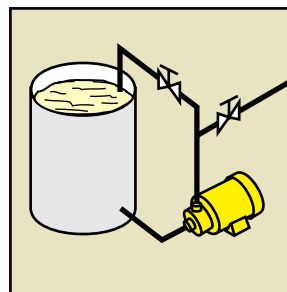
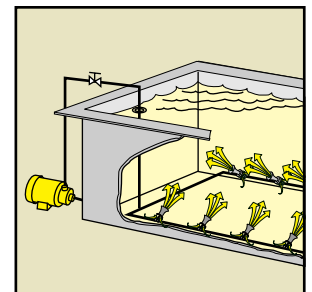
**SERFILCO®****SERIES 'X' | MAGNETIC PUMPS**2900 MacArthur Blvd. Northbrook, IL. USA 60062 [www.serfilco.com](http://www.serfilco.com) (800) 323 - 5431BULLETIN  
P-511-G  
JUNE 2013**NON-METALLIC AND SEAL-LESS PROVIDING  
TOTAL VAPOR AND SOLUTION CONTAINMENT FOR:****ACID / AQUEOUS / CAUSTIC  
CHEMICAL / PLATING  
PHOTOGRAPHIC**

- Flows from 1 to 25 U.S. GPM @ 60 Hz  
(3 - 78 LPM @ 50 Hz)
- **Non-metallic solution contact**  
Polypropylene or ETFE with Viton®  
(See a chemical resistance chart)
- NPT or hose barb connections
- Strong magnets will handle liquids to  
1.3 specific gravity
- Continuous duty design.
- Compact, quiet and efficient
- UL approved, CEC conforming
- Motors are available  
115V/1/60 Hz or  
230V/1/50-60 Hz

**SERIES 'X' Magnetic Coupled Pumps** are the latest in magnetic coupled pump technology. Tested and proven design features provide a pump that is seal-less and leakproof. Available materials of construction and flow capacities from 1 to 25 U.S. GPM make these pumps an excellent choice for a wide variety of applications from water at ambient temperatures to harsh chemicals at elevated temperatures.

Standard 'X' models have strong magnets and powerful, highly efficient continuous duty motors which allow them to operate non-overloading and provide continuous flow with liquids up to 1.3 specific gravity. Compact and quiet Series 'X' pumps are designed to provide years of trouble-free operation.

The following information covers standard Series 'X' models. For other models and magnetic coupled pumps to 250 GPM, consult our Sales Dept.

**WASTE TREATMENT****FILTER SYSTEM****MIXING and TRANSFER  
PUMPING****EDUCTOR AGITATION  
and MIXING**



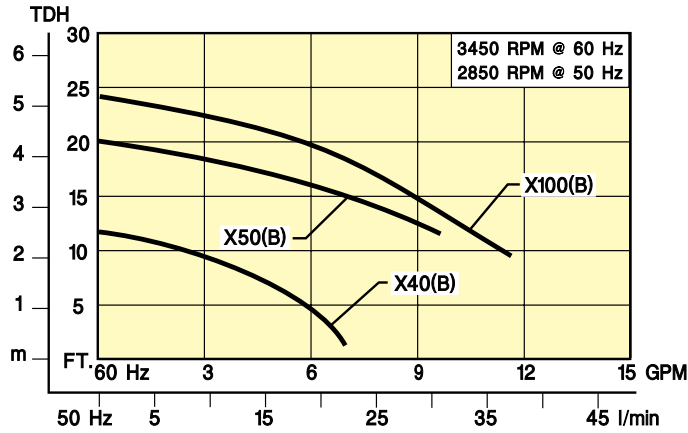
# SERIES 'X' | MAGNETIC COUPLED PUMPS

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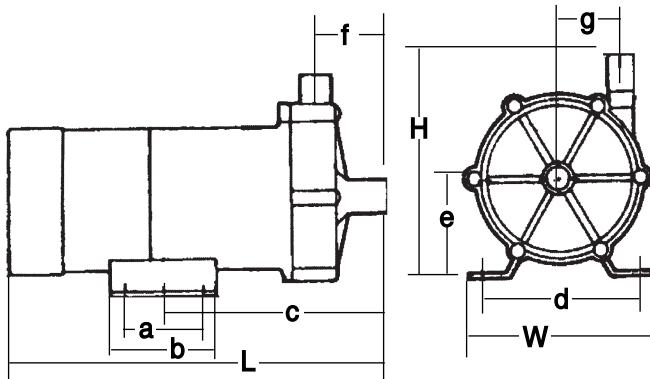
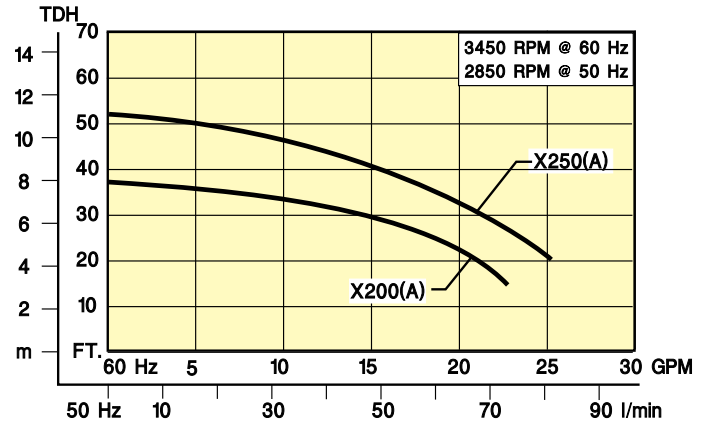
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## SERIES 'X' Performance and Dimensions

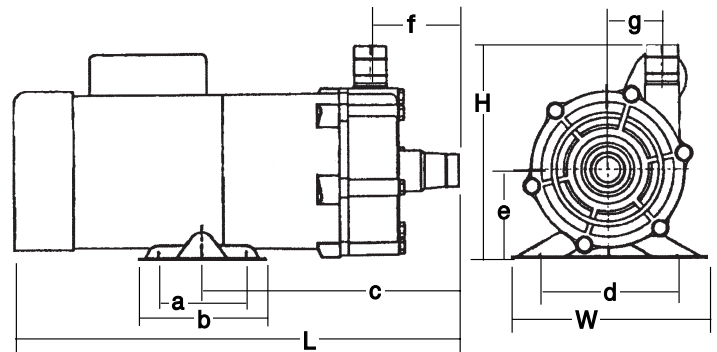
### Models X40, X50 & X100



### Models X200 & X250



### Models X40, X50 & X100



### Models X200 & X250

MODEL	DIMENSIONS (Inches)									
	W	H	L	a	b	c	d	e	f	g
X40	3.73	4.53	8.08	1.19	1.97	5.18	2.68	2.17	1.30	1.12
X50	4.72	5.12	9.12	1.58	2.52	6.65	3.94	2.36	1.89	1.22
X100	4.36	5.12	10.31	1.58	2.52	6.65	3.94	2.36	1.89	1.22
X200	6.14	6.50	13.97	2.76	3.94	8.07	4.33	2.59	2.75	1.72
X250	6.14	6.50	14.30	2.76	3.94	8.07	4.33	2.59	2.75	1.72

Registered trademarks: Viton - Dupont Dow Elastomers; Rulon - Dixon; Ryton - Phillips Chemical



# SERIES 'X' | MAGNETIC COUPLED PUMPS

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Select flow curve providing desired performance. Select materials of construction and connections required. Use Price Code Number to order.

## POLYPROPYLENE / VITON w/HOSE CONNECTIONS

FLOW CURVE	MAX. FLOW GPM	MAX. TDH Ft.	HP	CONNS. In.	S. G. *	MODEL NUMBER	PRICE CODE NO.
X40 (B)	7.3	11.6	1/40	5/8	1.3	X40PV 5/8H CRYR B C.02	81-4114-2D
X50 (B)	10	20	1/15	3/4	1.3	X50PV 3/4H CRYR B C.06	81-5134-2E
X100 (B)	12	24	1/10	3/4	1.3	X100PV 3/4H CRYR B C.1	81-6134-2F
X200 (A)	24	36	1/5	1	1.1	X200PV 1H CR A C.2	81-7156-1G
X250 (A)	29	50	1/3	1	1.1	X250PV 1H CR A C.3	81-8156-1H

## POLYPROPYLENE / VITON w/MNPT CONNECTIONS

X40 (B)	7.3	11.6	1/40	3/4	1.3	X40PV 3/4T CRYR B C.02	81-4144-2D
X50 (B)	10	20	1/15	3/4	1.3	X50PV 3/4T CRYR B C.06	81-5144-2E
X100 (B)	12	24	1/10	3/4	1.3	X100PV 3/4T CRYR B C.1	81-6144-2F
X200 (A)	24	36	1/5	1	1.1	X200PV 1T CR A C.2	81-7166-1G
X250 (A)	29	50	1/3	1	1.1	X250PV 1T CR A C.3	81-8166-1H

## ETFE / VITON w/HOSE CONNECTIONS

X40 (B)	7.3	11.6	1/40	5/8	1.3	X40EV 5/8H CETR B C.02	81-4315-2D
X50 (B)	10	20	1/15	3/4	1.3	X50EV 3/4H CETR B C.06	81-5335-2E
X100 (B)	12	24	1/10	3/4	1.3	X50EV 3/4H CETR B C.1	81-6335-2F

## ETFE / VITON w/MNPT CONNS.

X40 (B)	7.3	11.6	1/40	3/4	1.3	X40EV 3/4T CETR B C.02	81-4345-2D
X50 (B)	10	20	1/15	3/4	1.3	X50EV 3/4T CETR B C.06	81-5345-2E
X100 (B)	12	24	1/10	3/4	1.3	X100EV 3/4T CETR B C.1	81-6345-2F
X200 (A)	24	36	1/5	1	1.1	X200EV 1T CR A C.2	81-7366-1G
X250 (A)	29	50	1/3	1	1.1	X250EV 1T CR A C.3	81-8366-1H

\* Consult Sales Dept. for operation with solutions having higher specific gravity.

## OPTIONAL

DESCRIPTION	ADD TO MODEL NO.	ADD TO PRICE CODE NO.
OPTIONAL Motor - 230V / 1Ø/ 50-60	-50	- 5
EDPM elastomers	Change V to L	- L

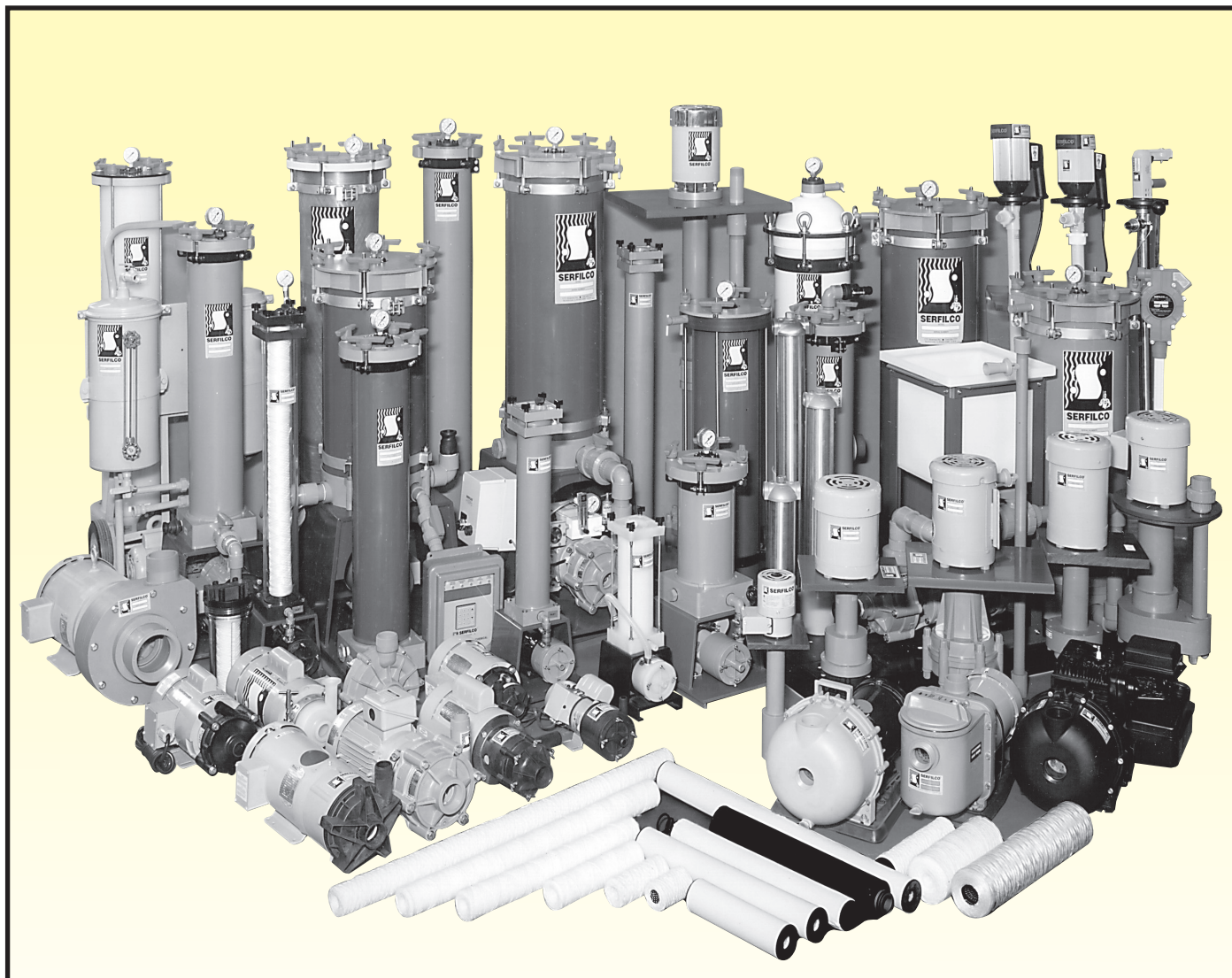
## MODEL KEY

Series	Materials	Connections	Friction Surfaces	Spindle	R. Thrust	F. Thrust	Bearing	Mouth Ring	Impeller	Motor	HP
X40	PV PP / Viton EV ETFE / Viton	5/8H = 5/8" hose barb	CRYR CETR CR	Ceramic	Ryton® ETFE Ceramic	Rulon Rulon Ceramic	Ceramic Ceramic Rulon	— — Rulon	A B C	C.02 C.06 C.1 C.2 C.3	1/40
X50		3/4H = 3/4" hose barb									1/15
X100		3/4T = 3/4" MNPT									1/10
X200		1H = 1" hose barb									1/5
X250		1T = 1" MNPT									1/3

## GENERAL PRODUCT NOTES:

- ⚠ Caution: Consult chemical resistance guide to assure material / solution compatibility.
- Do not use with liquids having ferrous (magnetic) metal particles.
- Standard 115V/1Ø/60 Hz motors include 6 ft. cord with molded 60 Hz plug.
- PV and EV models are glass reinforced.

## 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!