



# SERIES 'EO' TECHNICAL BULLETIN

**TABLE I**

To select pump with EPDM elastomer or for use with elevated specific gravity at required GPM, TDH and material: Select performance point on curve, determine required HP by moving vertically from GPM to corresponding number dotted line. Read the required HP at the right ordinate and multiply by S.G. This is the HP required. Construct Model and Price Code No. by adding series, size, material, elastomer, impeller and motor from charts below. Use Price Code No. to order. Model EO-3/4 with EPDM includes optional Viton O-Ring.

SERIES		SIZE			MATERIAL			ELASTOMER		
MODEL	PRICE CODE NO.	MODEL	PRICE CODE NO.	DESCRIPTION	MODEL	PRICE CODE NO.	DESCRIPTION	MODEL	PRICE CODE NO.	DESCRIPTION
EO	39-	3/4	0	1 x 3/4	PP	1	Polypropylene	L	1	EPDM
		1	1	1-1/4 x 1	C	2	CPVC	V	2	Viton
		1-1/4	2	1-1/2 x 1-1/4	K	3	PVDF			

IMPELLER / FLOW CURVE			TEFC MOTOR - 1 $\phi$ <sup>2</sup>			TEFC MOTOR - 3 $\phi$ <sup>3</sup>		
MODEL	PRICE CODE NO.	DESCRIPTION	MODEL	PRICE CODE NO.	HORSEPOWER	MODEL	PRICE CODE NO.	HORSEPOWER
2	2	EO-3/4	C1/8	B	.12	D.3	F	.33
1	1	2-3/4" for EO1	C.3	A	.33	D.75	H	.75
3	3	3" for EO1	C.75	C	.75	D1.0	J	1.0
4	4	3-3/4" for EO1-1/4	C1.0	D	1.0	D1.5	K	1.5
5	5	4" for EO1-1/4	C1.5	E	1.5	D2.0	L	2.0

<sup>2</sup>1 $\phi$  motors are:  
115-208/230 @ 60Hz, 3450 RPM  
115-220/240 @ 50Hz, 2850 RPM

<sup>3</sup>3 $\phi$  motors are:  
208-230/460 @ 60Hz, 3450 RPM  
190-380/415 @ 50Hz, 2850 RPM

## OPTIONAL EQUIPMENT

DESCRIPTION	ADD SUFFIX TO MODEL	ADD TO PRICE CODE NO.
Through hole in standard mounting plate (N/A EO-3/4)	MPH	X
Titanium option - shaft and fasteners (N/A EO-3/4)	T	T
Drip Cover - installed (N/A .12 & .33 HP)	DC	Z
PVDF impeller on CPVC pump	K	KY

DESCRIPTION	EO-3/4		EO1		EO1-1/4		
	SIZE	PRICE CODE NO.	SIZE	PRICE CODE NO.	SIZE	PRICE CODE NO.	
DISCHARGE PIPE ASSEMBLY	Polypropylene	3/4"	39-1006-PP	1-1/4"	39-1000-PP	1-1/2"	39-2000-PP
	CPVC	3/4"	39-1006-C	1-1/4"	39-1000-C	1-1/2"	39-2000-C
	PVDF	3/4"	39-1006-K	1"	39-1000-K	1-1/2"	39-2000-K
18" SUCTION EXTENSION	Polypropylene	1"	45-0274	1-1/4"	39-1004-PP	1-1/2"	39-2004-PP
	CPVC	1"	45-0208	1-1/4"	39-1004-C	1-1/2"	39-2004-C
	PVDF	1"	45-0230	1-1/2"	39-1004-K	1-1/2"	39-2004-K
SUCTION STRAINER	Polyethylene / PP	-	39-1007-PP	-	39-1002-PP	-	39-2002-PP
	Polyethylene / CPVC	-	39-1007-C	-	39-1002-C	-	39-2002-C
	ECTFE / PVDF	-	39-1007-K	-	39-1003-K	-	39-2003-K



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2900 MacArthur Blvd.  
Northbrook, IL. 60062-2005 U.S.A (800) 323-5431  
E-Mail: sales@serfilco.com (847) 509-2900  
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