

ORDERING INFORMATION

TABLE I Select flow curve number providing the desired performance. Then select either polypropylene or PVDF construction. Use Price Code Number to order.

Materials in solution contact include Viton, carbon, silica-free ceramic. See TABLE II for other models.

SPECIFIC GRAVITY ¹	MODEL (POLYPROPYLENE PUMP / MOTOR)	PRICE CODE NUMBER	MODEL (PVDF PUMP / MOTOR)	PRICE CODE NUMBER
1.5	1 x ¾ MPVCR 1A C.75	51-4111 B	1 x ¾ MKVCR 1A C.75	51-5111 B
1.3	1½ x 1 MPVCR 2B D1.0	51-6221 F	1½ x 1 MKVCR 2B D1.0	51-7221 F
1.5	1½ x 1 MPVCR 3C D1.5	51-6331 P	1½ x 1 MKVCR 3C D1.5	51-7331 P

¹ Motor HP shown will handle full flow to the listed S.G.

TABLE II To determine pump model for use with elevated specific gravity at specified GPM, TDH, or material, select performance point on curve. Move vertically to the corresponding dotted line, then horizontally to HP ordinate. Multi-

ply by specific gravity to determine the required horsepower. Select the pump impeller, magnet coupling and motor to construct the model. Use Price Code No. to order.

PUMP ²			IMPELLER			MAGNETIC COUPLING			
MODEL NUMBER	MATERIAL	PRICE CODE NO.	FLOW CURVE	ADD TO ...		MAX. HP		ADD TO ...	
				MODEL NO.	PRICE CODE NO.	60 Hz	50 Hz	MODEL	PRICE CODE NO.
1 x ¾ MPVCR	POLYPROPYLENE	51-4	1	1	1	.8	.6	A	1
1 x ¾ MKVCR	PVDF	51-5				1.2	.9	B	2
1½ x 1 MPVCR	POLYPROPYLENE	51-6	2	2	2	1.6	1.2	C	3
1½ x 1 MKVCR	PVDF	51-7							

MOTOR ⁴								SHIP WT lbs.
FRAME SIZE	TEFC				IP54			
	SINGLE PHASE ADD TO ...		THREE PHASE ADD TO ...		THREE PHASE ADD TO ...			
	MODEL NO.	PRICE CODE NO.	MODEL NO.	PRICE CODE NO.	MODEL NO.	PRICE CODE NO.		
TEFC	56C	C.5	1A	D.5	1D	-	-	35
		C.75	1B	D.75	1E			40
		C1.0	1C	D1.0	1F			50
		C1.5	1N	D1.5	1P			55
EXP ³	56C	E.5	1G	F.5	1K	-	-	34
		E.75	1H	F.75	1L			45
		E1.0	1J	F1.0	1M			45
METRIC	71B3/B14	-	-	-	-	DM.37	2G	19
	80B3/B14	-	-	-	-	DM.55	2H	19
						DM.75	3J	28

² For pump only, eliminate letter suffix from Price Code No. and motor suffix from Model.

³ EXP motors are 60 Hz only; Class 1 Group D and Class 2 Groups F & G.

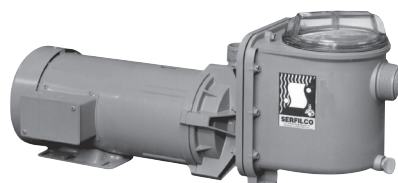
⁴ Single phase - 115/208-230V/1/60 or 190/200-220V/1/50
Three phase - 208-230/460V/3/60 or 190/380-415V/3/50

For 50 Hz, add **-50** to Model No. and add **5** to Price Code No.

SERIES 'M' PUMP Optional Equipment

OPTIONAL, use Price Code Number

DESCRIPTION		ALTER MODEL NO.	ADD TO PRICE CODE NO.
Teflon® bushing		Change C to T	T
EPDM elastomers		Change V to L	1
BSP ports (1 x ¾)	PP	—	51-4000
	PVDF	—	51-5000
BSP ports (1½ x 1)	PP	—	51-6000
	PVDF	—	51-7000
¼" NPT drain and plug	PP	—	51-4001
	PVDF	—	51-5001



PUMP PRIMING CHAMBER

with removable polypropylene basket.
Use Price Code No. to order

MATERIAL	LIFT *	SUCTION CONNECTION	DIMENSIONS	PRICE CODE NO.
CPVC, Ryton®, Viton	8 ft.	1½" FNPT / 2" MNPT	9" L x 9" W x 12" H	99-1159 R
PVC, Noryl®, Viton	(2.4 m)	(5" dia. removable cover)		99-1159 V

* Based on water (1.0 S.G.) at 68°F (20°C). Suction lift is approximate and determined by air volume in suction piping.

Registered trademarks: Viton - Dupont Dow Elastomers; Teflon - DuPont
Noryl - General Electric; Ryton - Phillips Chemical



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