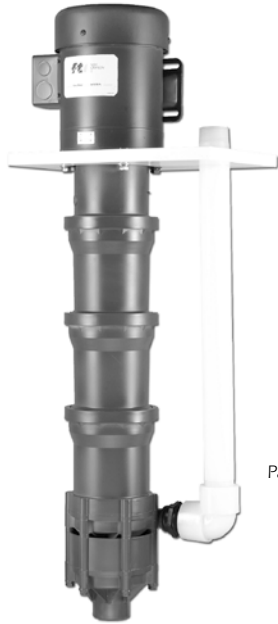


MSVKC Series

MULTI-STAGE VERTICAL SEALLESS PUMPS

MSVKC VERTIMAG™ Pumps

1 1/2 to 3 HP
(.55 to 1.5 kW)



MSVKC
Polypropylene

Pat. No. 5,708,313

Features

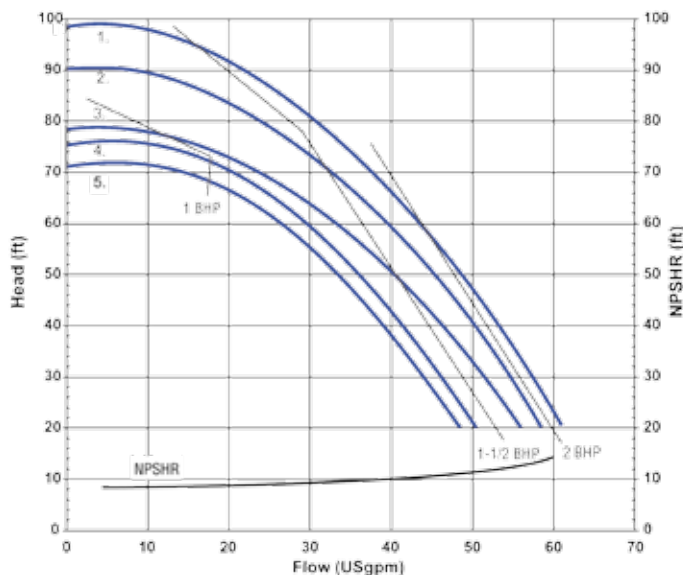
- Sealless mag drive technology - eliminates microbubbles
- Multi-Stage design: Generates increased head at low flow rates, low power consumption, wide hydraulic envelope allows for mix and match impeller sizes
- Unique interconnecting drive shaft - transmits torque from magnetic coupling to first stage impeller
- Independent thrust bearings at each stage for maximum reliability
- Polypropylene or PVDF construction
- Titanium, Hastelloy C or PVDF housing bolts
- Custom mounting plates available
- Accepts standard NEMA 56C or IEC 63, 71 and 80 with B14 frame motors
- Maximum working pressure 80 psi (5.4 bar)
- Maximum temperature: 140°F (60°C)
- Maximum flow 60 gpm (13.6 m³/hr.), maximum head 100 ft. (20 m)

MultiStage is also available in a horizontal design

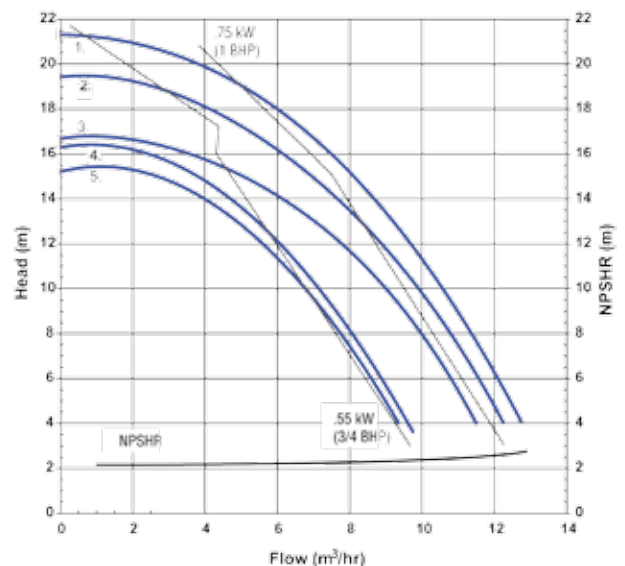
Performance

Note: Numbers 1, 2, 3, 4, 5 on curves indicate impeller diameter combinations. See specifications.

60 Hz 3450 rpm



50 Hz 2900 rpm



FINISH THOMPSON INC.

Specifications

MODEL (CONSTRUCTION)	SUCTION DISCHARGE	IMPELLER SIZE		MAX. FLOW		MAX. HEAD		MOTOR DRIVE		MAX. S.G. @ 50 cps
		inch	cm	3450 rpm gpm	2900 rpm m ³ /hr	3450 rpm ft	2900 rpm m	3450 rpm hp	2900 rpm kw	
MSVKC1 (P, V)	1-1/2" FNPT/BSP	3.88+3.88	9.86+9.86	61	12.7	99	21.3	3	1.1	1.5
MSVKC2 (P, V)		3.50+3.88	8.89+9.86	59	12.2	90	19.4	2	1.1	1.5
MSVKC3 (P, V)		3.50+3.50	8.89+8.89	56	11.5	79	16.7	2	.75	1.5
MSVKC4 (P, V)		3.19+3.50	8.10+8.89	51	9.7	75	16.2	1.5	.75	1.8
MSVKC5 (P,V)	1" MNPT/BSP	3.00+3.50	7.62+8.89	49	9.3	71	15.2	1.5	.55	1.8

P - Polypropylene glass filled, carbon, PTFE, high purity ceramic and viton.

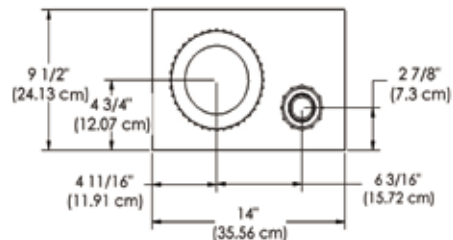
V - PVDF carbon filled, carbon, PTFE, high purity ceramic and viton.

Note: Actual performance may vary. Pump models and performance vary with conditions.

Dimensions *(Shown with optional mounting plate and discharge pipe.)*

MODEL	MOTOR FRAME	A*		B*	
		inch	cm	inch	cm
MSVKC	56C	6-1/2	16.5	9	22.86
	71 IEC	4-1/8	10.5	8	20.3
	80 IEC	4-23/32	12	9	22.9

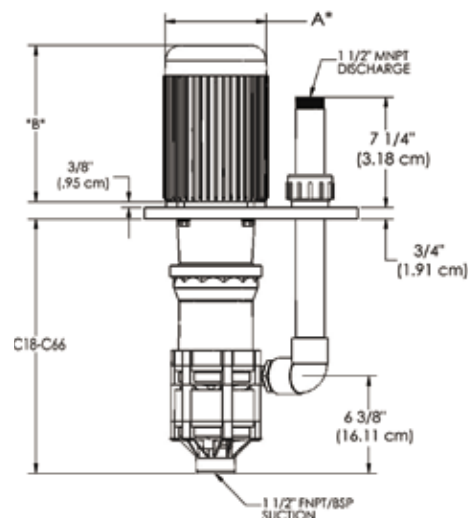
*Varies with motor manufacturer



Available Lengths

	C18	C24	C30	C36	C42
inch	16-5/8	22-11/16	28-3/4	34-13/16	40-7/8
cm	42.3	57.6	73	88.4	103.8

	C48	C54	C60	C66
inch	46-15/16	53	59-1/16	65-1/8
cm	119.2	134.6	150	165.4



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