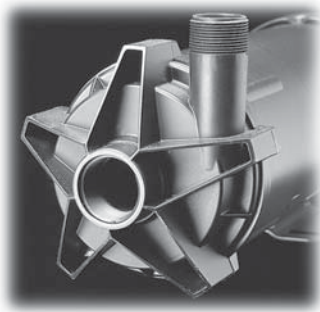


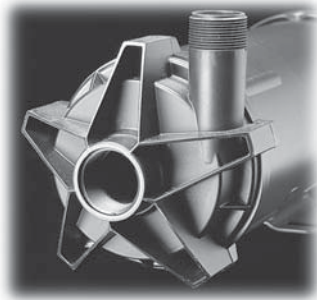
KC Series

KTH Sales Presents MAGNETIC SEALLESS PUMPS

KC11 Sealless* Centrifugal Pumps 1.0 to 3.0 Hp (.55 to 2.2 kW)



KC11 PP



KC11 PVDF

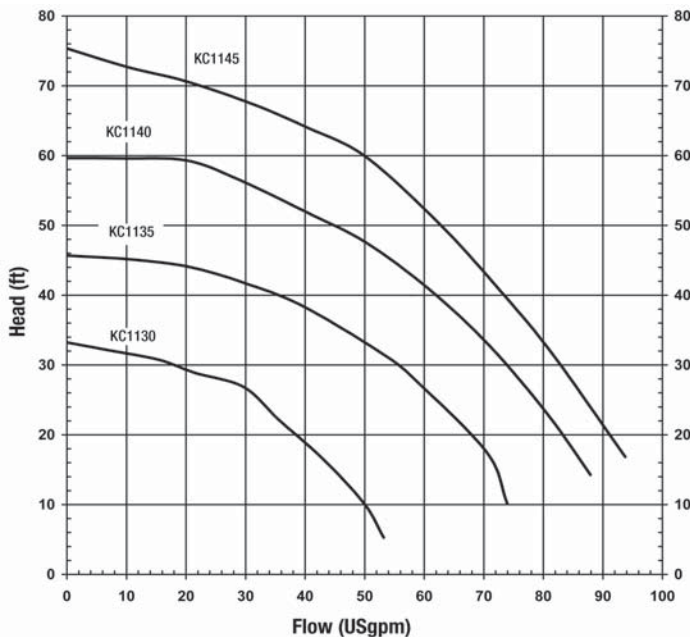
Features

- 24-hour run-dry capability with carbon bushing
- Polypropylene or PVDF
- Excellent chemical resistance
- Mounts to standard NEMA 56C, 145TC or IEC 80 or 90 frame motors with B14
- NPT or BSP threads
- Rugged cantilevered ceramic spindle
- Back pull-out design for easy service
- 1.8 specific gravity - with trimmed impeller
- 50 cps maximum - 35 PSI max. Inlet pressure

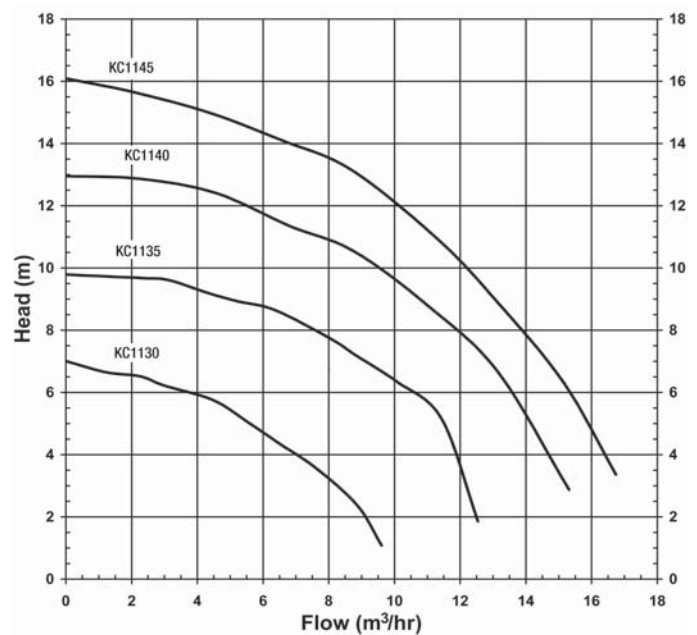
*Pat. No. 5,779,456

Performance

60 Hz 3450 rpm



50 Hz 2900 rpm



Specifications

MODEL (CONSTRUCTION)	SUCTION DISCHARGE	IMPELLER SIZE		MAX. FLOW		MAX. HEAD		MOTOR DRIVE	
		inch	cm	3450 rpm	2900 rpm	3450 rpm	2900 rpm	3450 rpm	2900 rpm
				gpm	m ³ /hr	ft	m	hp	kW
KC1130	1-1/2" FNPT 1-1/4" MNPT	3.0	7.6	53	9.6	33	7.0	1.0 - 1.5	.55 - .75
KC1135		3.5	8.9	74	12.5	46	9.8	1.5 - 2.0	.75 - 1.1
KC1140		4.0	10.2	88	15.3	60	13.0	1.5 - 3.0*	.75 - 2.2
KC1145		4.5	11.4	94	16.7	75	16.1	2.0 - 3.0*	1.1 - 2.2

P - Polypropylene glass filled, carbon, PTFE, high purity ceramic and Viton®. Maximum temperature 180°F (82°C).

V - PVDF carbon filled, carbon, PTFE, high purity ceramic and Viton. Maximum temperature 220°F (104°C).

NOTES: (1) Actual performance may vary. Pump models and performance vary with conditions.

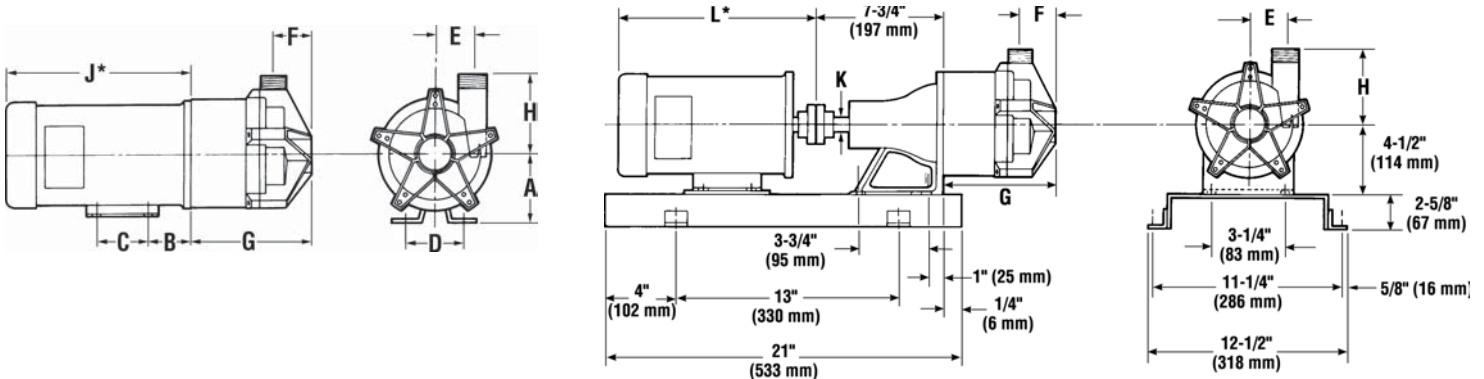
(2) * **Caution - Maximum working pressure with the KC11 polypropylene is 35 PSI - PVDF 45 PSI - contact KTH for specific gravity over 1.00**

*Viton is a registered trademark of DuPont Dow Elastomers.

Dimensions

Close Coupled

Pedestal Mounted



With NEMA Motors (Inches)

MODEL	MOTOR FRAME	A	B	C	D	E	F	G	H	J*	K	L*
KC11	56C	3-1/2	2-3/4	3	4-7/8	2-1/4	2-3/8	7-1/2	4-3/4	12-1/8	3/4	14
	145TC			5	5-1/2							15

With IEC Motors (Millimeters)

MODEL	MOTOR FRAME	A	B	C	D	E	F	G	H	J*	K	L*
KC11	80	80	50	100	125	57	60	191	121	230	19	268
	90	90	56	125	140					250		312

* Varies by manufacturer

CAUTION: Maximum Working Pressure Rating is 35 PSI March 2004



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Literature I.D. No. FT98-705C

