

SPCS Series Self-Priming Centrifugal Pumps



Applications

- Lawn sprinkler systems
- Booster pumping
- General liquid transfer

Features

- Capacities to 75 G.P.M.
- 1 through 2 H.P., Single Phase.
- Operating pressures through 45 PSI.

Impeller- Injection molded Noryl impellers are extra smooth with stainless steel insert to insure positive lock and alignment with the shaft

Diffuser- Cast iron difusser molded into case for precision alignment and maximum self-priming

Base Plate- An extra large case provides quicker, more efficient self-priming and air handling capabilities.

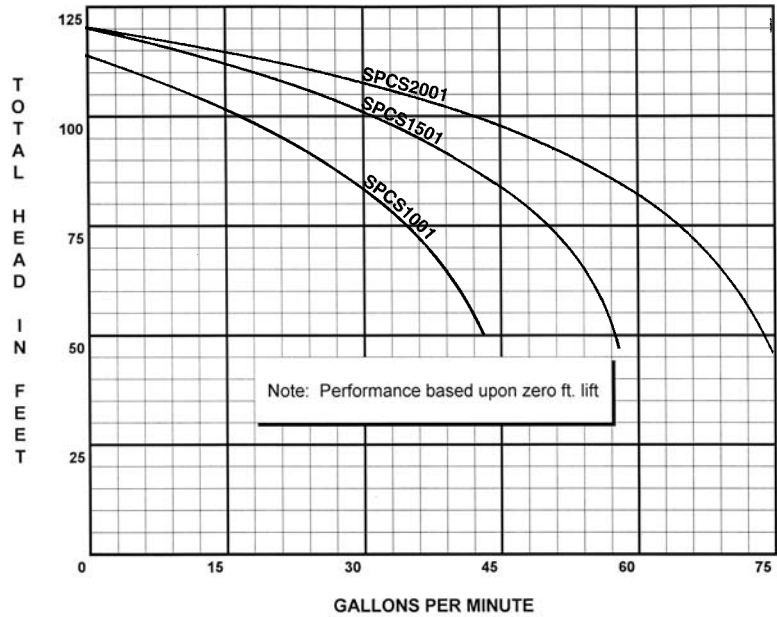
Easy Access Motor Control

Compartment- The sealed compartment for all motor controls keeps out dust, insects and moisture.

Rotary Shaft Seal- Self-adjusting seal assures alignment and continuous lubrication for effective sealing.

Motor- The SPCS features contemporary square flange motors.

SPCS Performance Curve



SPCS Performance

PUMP MODEL	H.P.	TOTAL SUCTION (FEET)	DISCHARGE PRESSURE — PSI						MAX PRESS.	PIPE SIZE	
			20	25	30	35	40	45		SUC.	DIS.
											2"
SPCS1001	1	0	44	42	38	33	24	12	49	2"	1½"
		5	43	40	36	30	20	6	46.5		
		10	42	39	34	26	10		44		
		15	41	37	30	21	8		42		
		20	39	34	27	16			40		
		25	37	32	22	10			38		
SPCS1501	1½	0	58	56	53	48	38	25	52	2"	1½"
		5	57	55	51	44	34	18	49.5		
		10	56	54	48	40	27	9	47.5		
		15	55	52	45	35	21		45.5		
		20	54	49	41	29	11		43		
		25	52	46	36	22			41		
SPCS2001	2	0	75	72	67	61	51	38	52	2"	1½"
		5	74	70	62	57	47	30	50		
		10	72	68	61	53	40	19	47.5		
		15	69	65	58	48	33	5	45.5		
		20	68	62	54	42	22		43.5		
		25	66	59	49	35	10		41		

SPC Series Self-Priming Centrifugal Lawn Sprinkler Pumps

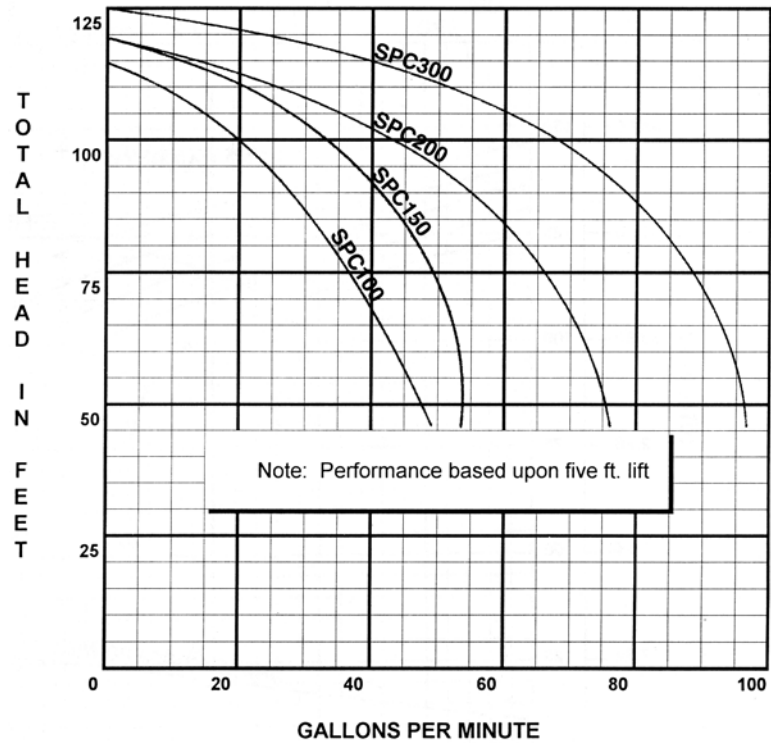


Features

- Capacities to 160 G.P.M.
- Operating pressures through 60 PSI.
- 1 through 5 H.P., Single and 3 Phase.
- Extra large case for quicker more efficient self-priming and air handling capabilities.
- Cast iron diffuser.
- Injection molded glass filled Lexan® impellers are extra smooth with stainless steel insert to insure positive lock and alignment with the shaft. (5 H.P. model has brass impeller.)

Self-Priming Centrifugal

SPC Performance Curve



SPC Performance

MODEL NUMBER	H.P.	TOTAL SUCTION IN FEET	DISCHARGE PRESSURE (GPM)					MAX. PRES.	PIPE SIZE	
			20 PSI	25 PSI	30 PSI	35 PSI	40 PSI		SUC.	DIS.
SPC 1001 SPC 1003*	1	5	49	44	39	33	27	49.5		
		10	47	42	37	30	23	47.5		
		15	45	40	35	27	19	45	2	1½
		20	43	37	31	22	14	43		
		25	34	30	27	16	6	41.5		
SPC 1501 SPC 1503*	1½	5	53	52	51	46	41	51		
		10	50	49	49	43	37	49		
		15	47	46	46	39	32	46.5	2	1½
		20	44	43	43	34	25	44.5		
		25	34	33	32	24	16	42.5		
SPC 2001 SPC 2003*	2	5	76	73	70	61	52	51		
		10	74	70	67	56	46	49		
		15	70	67	64	52	40	46.5	2	1½
		20	64	62	60	46	32	44.5		
		25	49	48	47	35	23	42.5		
SPC 3001 SPC 3003*	3	5	97	94	92	84	76	54		
		10	93	91	90	80	71	52		
		15	88	87	86	75	65	49.5	2	1½
		20	79	78	77	68	59	47.5		
		25	59	58	57	52	48	45.5		

* 3 Phase