

# SunPumps Centrifugal Pool Pumps Model SCP 85-18-90 LV



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## **Model SCP 85-18-90 LV**

1 HP Brush Type DC Motor

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Soar Array Watts*	System Efficiency
0	0	0.0	45	2.3	65	246	101	127	0%
2	5	1.4	45	2.2	46	174	99	124	40%
4	9	2.8	45	1.4	0	0	61	77	0%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Soar Array Watts*	System Efficiency
0	0	0.0	60	3.5	91	345	211	263	0%
2	5	1.4	60	3.5	77	291	209	261	32%
4	9	2.8	60	3.3	53	201	199	248	46%
7	15	4.6	60	2.0	0	0	118	147	0%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Soar Array Watts*	System Efficiency
0	0	0.0	75	5.0	116	438	375	469	0%
2	5	1.4	75	5.0	103	390	377	471	24%
4	9	2.8	75	5.0	87	329	377	471	40%
6	14	4.2	75	4.8	67	254	359	448	49%
8	18	5.6	75	4.0	41	155	301	376	47%
10	23	7.0	75	2.6	0	0	197	247	0%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Soar Array Watts*	System Efficiency
0	0	0.0	90	6.7	136	516	600	750	0%
2	5	1.4	90	6.7	126	477	600	750	18%
4	9	2.8	90	6.8	115	435	613	766	33%
6	14	4.2	90	6.8	101	382	613	766	43%
8	18	5.6	90	6.6	85	322	590	738	50%
10	23	7.0	90	6.1	65	246	547	684	52%
12	28	8.5	90	5.1	38	144	456	570	43%
14	32	9.9	90	3.5	0	0	319	398	0%

\* Solar array watts using a 20% deration factor.