

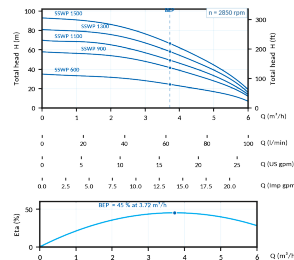


SSWP 5" Submersible Borehole Pump

**SSWP**

Min. well 5" (130 mm)
Outlet 1½"

PERFORMANCE CHART AT N=2850 RPM



Clean water at 20 °C, tolerances to ISO 9906. Heads are the published figures. One efficiency curve is published for the whole flow series; it is a traced curve for the series and not for a single model.

Typical Applications

- Water supply: borehole abstraction for piped schemes, district distribution and institutional supply.
- Irrigation: field and farm irrigation, sprinkler and drip systems.
- Pressure boosting and filling of elevated and ground-level tanks.
- Mining, drainage and breeding-industry water supply.

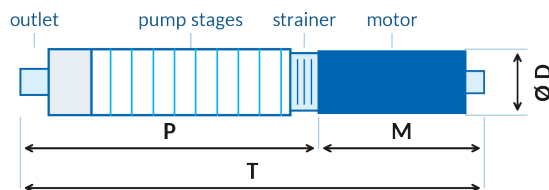
Operating Conditions

- Clean water, sand content less than 150 g/m³.
- Water temperature to 35 °C; ambient to 40 °C; immersion to 80 m.
- Rewindable motor, insulation class B, protection IP68, NEMA dimension standards.
- Peak pump efficiency ≈ 45 % at 3.72 m³/h.
- Stainless-steel body and shafts; seal ceramic/graphite, SIC or alloy graphite to order; 2 m cable.

Technical Data

Model	Supply	Motor P2		Current at 50 Hz (A)		Stages	Max. head (m)	Max. flow (m³/h)	Outlet	Dimensions (mm)				Weight (kg)
		kW	HP	Operating In	Starting Ist					Ø D	P	M	T	
SSWP 600	220-240 V / 380-415 V	0.55	0.75	4.5 / 1.7	20 / 8	3	35	6	1½"	—	—	—	—	—
SSWP 900	220-240 V / 380-415 V	0.92	1.25	7 / 2.6	31 / 12	5	58	6	1½"	—	—	—	—	—
SSWP 1100	220-240 V / 380-415 V	1.1	1.5	8.2 / 3	37 / 14	6	70	6	1½"	—	—	—	—	—
SSWP 1300	220-240 V / 380-415 V	1.3	1.75	9.5 / 3.5	43 / 16	7	81	6	1½"	—	—	—	—	—
SSWP 1500	220-240 V / 380-415 V	1.5	2	10.8 / 4	49 / 18	8	93	6	1½"	—	—	—	—	—

Operating current In is the full-load running current at the stated voltage; starting current Ist is direct-on-line. Confirm both against the motor nameplate before sizing cable, starter or overload. Maximum head is the head at zero flow. BEP is the best efficiency point. Ø D is the outside diameter of the pump and of the motor, P is the pump length, M the motor length, T the overall length, and weight is the complete pump with motor. Dimensions and weight for this range are to be confirmed on order.



Performance Data

Model	Motor		Unit	Flow rate Q / Total head H											
	kW	HP		m³/h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6
				l/min	0	10	20	30	40	50	60	70	80	90	100
				US gpm	0	2.6	5.3	7.9	10.6	13.2	15.9	18.5	21.1	23.8	26.4
				Imp gpm	0	2.2	4.4	6.6	8.8	11	13.2	15.4	17.6	19.8	22
SSWP 600	0.55	0.75	m	35	34	33	32	31	28	25	22	18	14	7	
			ft	115	112	108	105	102	92	82	72	59	46	23	
SSWP 900	0.92	1.25	m	58	57	56	55	52	48	43	37	30	23	12	
			ft	190	187	184	180	171	157	141	121	98	75	39	
SSWP 1100	1.1	1.5	m	70	69	68	67	62	57	51	44	36	27	14	
			ft	230	226	223	220	203	187	167	144	118	89	46	
SSWP 1300	1.3	1.75	m	81	80	79	77	73	67	60	52	42	32	16	
			ft	266	262	259	253	240	220	197	171	138	105	52	
SSWP 1500	1.5	2	m	93	92	90	88	83	76	69	59	48	36	19	
			ft	305	302	295	289	272	249	226	194	157	118	62	

Total head against flow rate at n = 2850 rpm on clean water at 20 °C. Tolerances to ISO 9906. Curves and tabulated heads are Satte published data.