



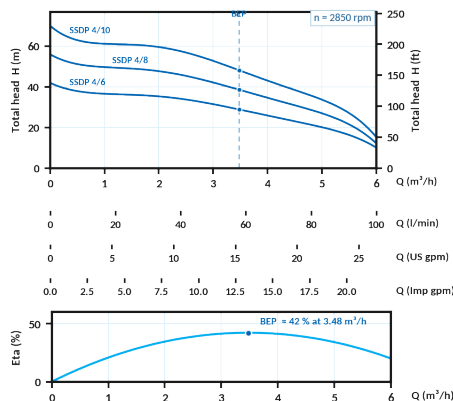
SSDP 4 4" Submersible Borehole Pump — 4 m³/h series



SSDP 4

Min. well 4" (100 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.

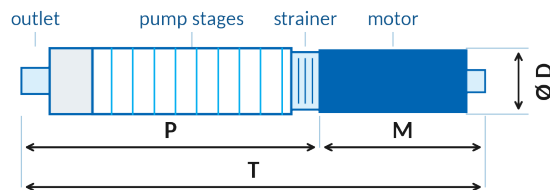
Operating Conditions

- 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 ≈ 42 % at 3.48 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	Max. flow	Outlet	Dimensions (mm)				Weight
		kW	HP	Operating In	Starting Ist					Ø D	P	M	T	
SSDP 4/6	220-240 V / 380-415 V	0.55	0.75	4.5 / 1.7	20 / 8	6	42	6	1½"	98 / 95	—	—	—	—
SSDP 4/8	220-240 V / 380-415 V	0.75	1	5.8 / 2.2	26 / 10	8	56	6	1½"	98 / 95	—	—	—	—
SSDP 4/10	220-240 V / 380-415 V	1.1	1.5	8.2 / 3	37 / 14	10	70	6	1½"	98 / 95	—	—	—	—

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	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6
			l/min	0	20	30	40	50	60	70	80	90	100
			US gpm	0	5.3	7.9	10.6	13.2	15.9	18.5	21.1	23.8	26.4
			Imp gpm	0	4.4	6.6	8.8	11	13.2	15.4	17.6	19.8	22
SSDP 4/6	0.55	0.75	m	42	37	35	34	32	29	24	21	18	10
			ft	138	121	115	112	105	95	79	69	59	33
SSDP 4/8	0.75	1	m	56	50	48	45	43	39	32	28	24	12
			ft	184	164	157	148	141	128	105	92	79	39
SSDP 4/10	1.1	1.5	m	70	62	59	57	54	48	40	35	30	15
			ft	230	203	194	187	177	157	131	115	98	49

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.