

Submersible 6" borehole pump (Complete with motor)

Saturn 6

Applications

Agricultural/Industrial applications.
Pressurisation, water transfer.
Suitable for wells 6" and above.

Materials

Outer Casing

Stainless steel AISI 304.

Discharge Body

Stainless steel AISI 304.

Impellers

Noryl (glass loaded polymer)

Diffusers

Noryl (glass loaded polymer).

Suction Strainer

Stainless steel AISI 304.

Pump Support

Stainless steel AISI 304.

Motor

4" & 6" Motors.
Class F insulation.
Protection IP68
Continuous operation
Built-in Thermal protection.

Limitations

Maximum ambient temperature: 35°C.

Equipment

Complete with pre-fitted cable tail; integral non-return valve; heat shrink joint kit (option of resin joint).



These pumps are being replaced during 2008 with our XS6 range.

MODEL	Price	3~	P1	Motor Type	kW	HP	Ø Ref.	l/1' m³/h																
		400 V	3~						20	50	100	133	170	200	250	280								
Saturn 6 80 5	1,079	5.9	3.1	4"	2.2	3	3"	H [m]	1.2	3	6	8	10.2	12	15	16.8	80	79	71	65	58	45	25	10
Saturn 6 80 6	1,363	7.8	4.1	4"	3	4	3"		98	96	85	80	72	58	32	12								
Saturn 6 80 7	1,412	7.8	4.1	4"	3	4	3"		113	110	100	90	80	65	40	14								
Saturn 6 80 8	1,910	10	5.4	4"	4	5.5	3"		127	123	113	105	90	75	45	17								
Saturn 6 80 9	1,996	10	5.4	4"	4	5.5	3"		142	138	127	115	100	85	50	20								
Saturn 6 80 12	2,192	13.7	7.5	4"	5.5	7.5	3"		193	185	173	158	136	115	63	25								
Saturn 6 80 15	2,376	16	9.5	6"	7.5	10	3"		240	232	215	192	168	140	80	31								
Saturn 6 80 18	2,565	20.7	11.5	6"	9.3	12.5	3"		287	280	258	232	200	170	100	38								
Saturn 6 80 21	2,728	20.7	11.5	6"	9.3	12.5	3"		338	323	300	271	237	200	115	45								
Saturn 6 80 24	2,962	23.3	13.7	6"	11	15	3"		382	370	341	310	270	224	130	53								
Saturn 6 80 28	3,399	31.3	18.4	6"	15	20	3"		447	433	400	363	317	260	150	61								
Saturn 6 80 30	3,663	31.3	18.4	6"	15	20	3"		480	463	430	390	338	280	160	65								
Saturn 6 80 40	5,126	38.5	22.7	6"	18.5	25	3"		640	620	570	515	447	380	220	90								
Saturn 6 80 45	5,692	45.3	27	6"	22	30	3"		720	700	640	580	503	420	240	100								

Saturn 6

80/120/240

Submersible 6" borehole pump
(complete with motor)

MODEL	Price	3~	P1	Motor Type	kW	HP	Ø Ref.	l/1' m³/h	H [m]							
		400 V	3~						30	80	116	150	200	240	300	350
Saturn 6 120 4	1,035	5.9	3.1	4"	2.2	3	3"		1.8	4.8	7	9	12	14.4	18	21
Saturn 6 120 5	1,389	7.8	4.1	4"	3	4	3"		62	60	59	58	52	47	28	10
Saturn 6 120 6	1,884	10	5.4	4"	4	5.5	3"		80	78	75	73	67	60	38	12
Saturn 6 120 7	1,996	13.7	7.5	4"	5.5	7.5	3"		95	92	90	85	78	70	45	15
Saturn 6 120 8	2,062	13.7	7.5	4"	5.5	7.5	3"		110	106	105	100	92	83	52	18
Saturn 6 120 9	2,152	13.7	7.5	4"	5.5	7.5	3"		126	121	119	115	106	96	60	22
Saturn 6 120.12	2,360	16	9.53	6"	7.5	10	3"		142	139	135	130	120	108	67	27
Saturn 6 120 15	2,625	20.7	11.5	6"	9.3	12.5	3"		188	182	178	170	158	142	89	33
Saturn 6 120 18	2,860	23.3	13.7	6"	11	15	3"		235	230	222	215	199	180	110	40
Saturn 6 120 21	3,273	31.3	18.4	6"	15	20	3"		282	277	270	260	240	215	132	48
Saturn 6 120 24	3,430	31.3	18.4	6"	15	20	3"		328	322	311	300	278	250	157	58
Saturn 6 120 30	4,019	38.5	22.7	6"	18.5	25	3"		376	370	359	344	319	288	180	65
Saturn 6 120 35	5,253	45.3	27	6"	22	30	3"		471	461	448	430	398	360	220	80
Saturn 6 120 40	5,854	57	34	6"	26	35	3"		550	540	520	500	464	420	240	95
									627	617	605	585	538	480	295	105

MODEL	Price	3~	P1	Motor Type	kW	HP	Ø Ref.	l/1' m³/h	H [m]							
		400 V	3~						50	100	200	300	400	450	500	600
Saturn 6 240 2	977	4	2.1	4"	1.5	2	3"		3	6	12	18	24	27	30	36
Saturn 6 240 3A	1,125	5.9	3.1	4"	2.2	3	3"		26.3	25.5	23.5	20	16.5	13	10.5	2
Saturn 6 240 3	1,380	7.8	4.1	4"	3	4	3"		39.5	38.5	35	30	25	20	16	3
Saturn 6 240 4	1,913	10	5.4	4"	4	5.5	3"		44	42	40	36	30	23	20	12
Saturn 6 240 6	2,109	13.7	7.5	4"	5.5	7.5	3"		61	59	55	50	40	35	30	15
Saturn 6 240 8	2,267	16	9.5	6"	7.5	10	3"		91	88	81	75	60	52	43	22
Saturn 6 240 10	2,546	20.7	11.5	6"	9.3	12.5	3"		121	117	107	97	80	70	60	30
Saturn 6 240 12	2,767	23.3	13.7	6"	11	15	3"		150	145	135	120	100	88	76	40
Saturn 6 240 14	3,140	31.3	18.4	6"	15	20	3"		180	174	160	144	120	108	90	47
Saturn 6 240 16	3,256	31.3	18.4	6"	15	20	3"		208	201	188	164	140	123	103	54
Saturn 6 240 20	3,808	38.5	22.7	6"	18.5	25	3"		239	231	216	195	160	140	119	60
Saturn 6 240 24	4,334	45.3	27	6"	22	30	3"		298	287	270	240	200	175	147	78
Saturn 6 240 28	5,398	57	34	6"	26	35	3"		358	345	322	290	240	210	178	95
Saturn 6 240 32	6,009	63.5	37	6"	30	40	3"		417	404	379	337	280	245	205	109
Saturn 6 240 39	7,616	73	44	6"	37	50	3"		478	462	431	382	320	283	240	120
Saturn 6 240 44	9,399	89.5	53.3	6"	45	60	3"		580	561	524	468	390	340	284	149
									658	638	593	537	440	380	323	168

Submersible 6" borehole pump (complete with motor)

Saturn 6 360/480

MODEL	Price	3~	P1	Motor Type	kW	HP	Ø Ref.	l/1' m³/h	H [m]							
		400 V	3~						50	150	300	450	550	650	750	800
Saturn 6 360 2	1,332	7.8	4.1	4"	3	4	3"	30	29,5	29	25	20	17	11	8	
Saturn 6 360 3	1,842	10	5.4	4"	4	5.5	3"	48	47	43	38	32	26	17	10	
Saturn 6 360 4	1,955	13.7	7.5	4"	5.5	7.5	3"	62	60,5	56	50	43	36	22	15	
Saturn 6 360 5	2,080	16	9.5	6"	7.5	10	3"	80	78	70	62	55	46	29	20	
Saturn 6 360 6	2,297	20.7	11.5	6"	9.3	12.5	3"	95	92	84	75	66	54	34	23	
Saturn 6 360 8	2,495	23.3	13.7	6"	11	15	3"	126	122	113	100	88	70	45	29	
Saturn 6 360 9	2,823	31.3	18.4	6"	15	20	3"	141	137	129	112	100	80	50	33	
Saturn 6 360 10	2,879	31.3	18.4	6"	15	20	3"	158	153	142	125	110	88	56	37	
Saturn 6 360 12	3,206	38.5	22.7	6"	18.5	25	3"	190	182	171	150	130	104	69	43	
Saturn 6 360 15	3,601	45.3	27	6"	22	30	3"	238	230	215	190	162	130	84	55	
Saturn 6 360 18	4,063	57	34	6"	26	35	3"	284	275	258	225	196	157	100	66	
Saturn 6 360 20	4,391	63.5	37	6"	30	40	3"	315	305	285	250	219	175	110	73	
Saturn 6 360 24	5,588	73	44	6"	37	50	3"	380	370	345	300	261	208	132	88	
Saturn 6 360 28	6,538	89.5	53.3	6"	45	60	3"	441	430	400	350	304	241	155	100	

MODEL	Price	3~	P1	Motor Type	kW	HP	Ø Ref.	l/1' m³/h	H [m]							
		400 V	3~						100	300	500	700	833	900	1050	1100
Saturn 6 480 2A	1,784	5.9	3.1	4"	2.2	3	3"	20	17,8	14,3	10	7	5	1	-	
Saturn 6 480 2	1,842	10	5.4	4"	4	5.5	3"	25	23	20	17	13	11	8	5	
Saturn 6 480 3	1,899	13.7	7.5	4"	5.5	7.5	3"	39	36	31	26	19	15	10	7	
Saturn 6 480 4	2,013	16	9.5	6"	7.5	10	3"	50	47	42	36	27	22	12	9	
Saturn 6 480 5	2,210	20.7	11.5	6"	9.3	12.5	3"	64	60	53	43	34	29	15	11	
Saturn 6 480 6	2,386	23.3	13.7	6"	11	15	3"	77	71	64	50	40	35	19	13	
Saturn 6 480 8	2,739	31.3	18.4	6"	15	20	3"	102	95	85	68	53	45	23	16	
Saturn 6 480 9	2,823	31.3	18.4	6"	15	20	3"	115	107	95	77	60	51	27	18	
Saturn 6 480 10	3,075	38.5	22.7	6"	18.5	25	3"	128	120	105	86	69	58	30	20	
Saturn 6 480 12	3,418	45.3	27	6"	22	30	3"	152	143	127	102	81	69	37	25	
Saturn 6 480 15	3,784	57	34	6"	26	35	3"	190	178	158	128	100	85	45	30	
Saturn 6 480 18	4,255	63.5	37	6"	30	40	3"	230	215	190	152	121	103	52	37	
Saturn 6 480 22	5,412	73	44	6"	37	50	3"	280	260	232	188	148	125	65	46	
Saturn 6 480 25	6,329	89.5	53.3	6"	45	60	3"	320	295	264	211	167	142	74	50	