

SD6

6" Borehole Deep Well Pumps

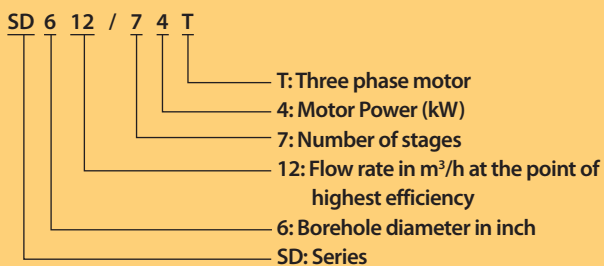


FEATURES

Multistage deep well submersible pump is consisted of multistage deep well pump, threephase submersible motor, rigid coupling and shaft seal. The pump is located on top of the motor. Water lubricating guide bearing is adopted by the pump. The pump shaft connected with motor shaft by coupling. The sand-proof valve is fitted in the discharge chamber to prevent sands entering when the pump stop. The double end face mechanical seal is adopted by motor shaft.

SD6 series of pumps are manufactured using high quality materials and are designed to deliver years of dependable service.

PUMP IDENTIFICATION



- Pump flange for coupling with motors are made according to NEMA standards.
- Maximum operating temperature 35 °C
- The maximum sand amount in the well water must be 25 gr/m³ and diameter is smaller than 0,2 mm.
- Maximum permissible starts per hour: 30 (at regular intervals)
- Voltage tolerance : +10% / -10%
- Cooling: Minimum flow velocity 0,1 m/s

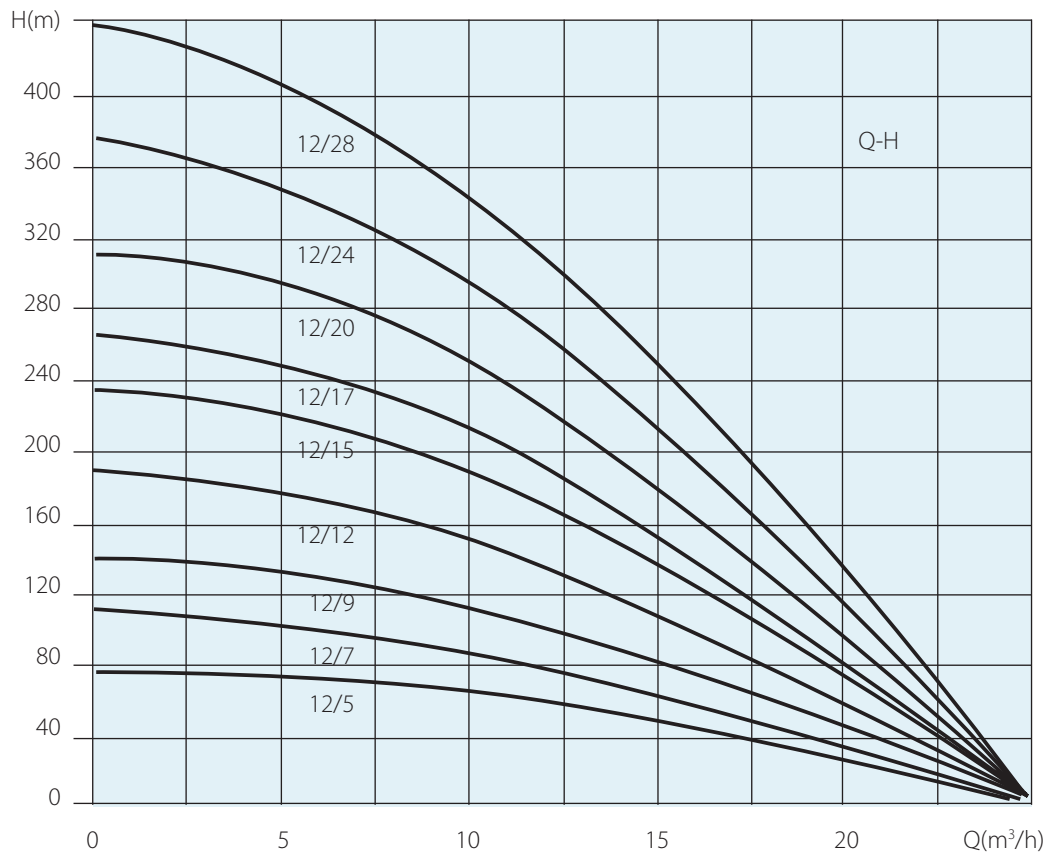
- The submerged depth of the pump cannot exceed than 15 meter and the distance from button should be over 50 cm, should install the dirt stopping grid around the pump to prevent such as water weeds blocked the filter net influence the pump normal operating.
- Maximum diameter: 143 mm
- Protection grade: IP68
- Insulation class F

APPLICATIONS

- Water supply systems
- Fire-fighting sets
- Pressure boosting
- Irrigation pumps

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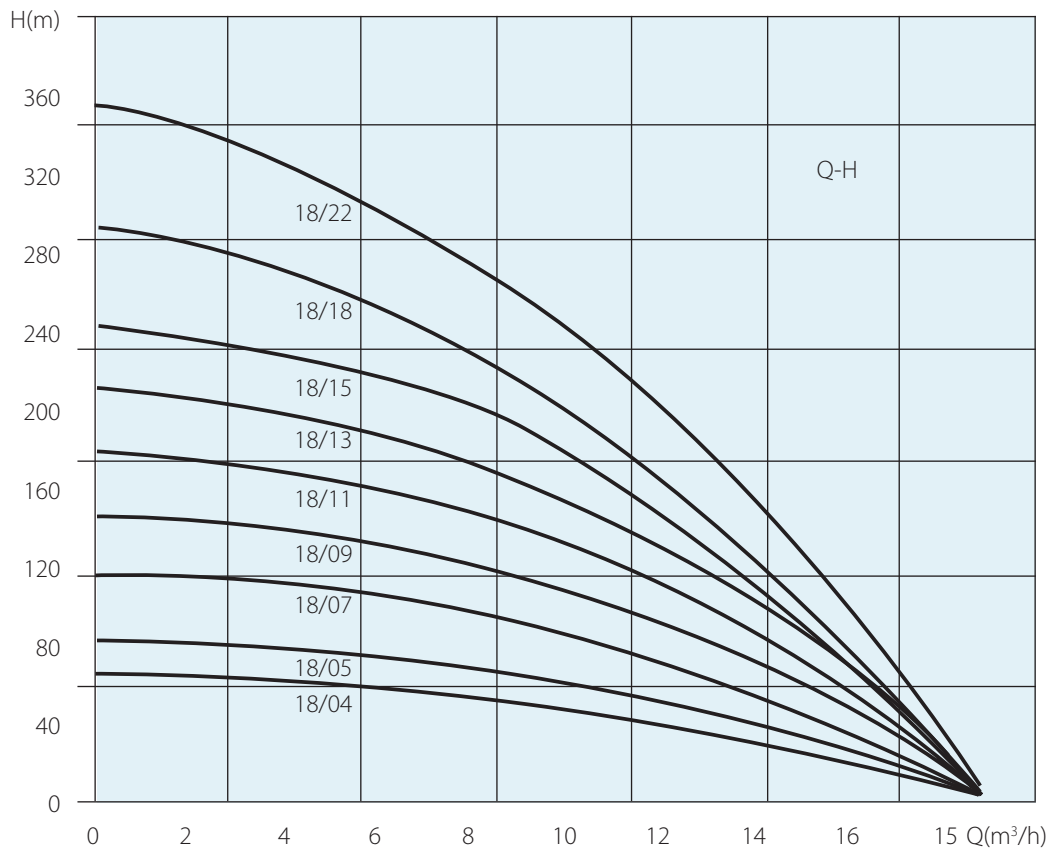
6" Borehole Deep Well Pumps



Model	P2		Outlet	l/min Q m³/h	0	83	133	167	200	233	267	300	333	405
	kW	HP			0	5	8	10	12	14	16	18	20	24,4
SD6-12/5-3	3	4	2" - 3"	Head m	78	73	67	63	58	53	45	36	25	1
SD6-12/7-4	4	5,5	2" - 3"		109	102	94	88	82	74	63	51	35	1
SD6-12/9-5,5	5,5	7,5	2" - 3"		140	131	121	113	105	95	81	65	45	2
SD6-12/12-7,5	7,5	10	2" - 3"		187	175	162	151	140	127	108	87	60	3
SD6-12/15-9,2	9,2	12,5	2" - 3"		234	219	202	189	175	159	135	109	75	3
SD6-12/17-11	11	15	2" - 3"		265	248	229	214	199	180	153	124	85	4
SD6-12/20-13	13	17,5	2" - 3"		312	292	270	252	234	212	180	146	100	5
SD6-12/24-15	15	20	2" - 3"		374	350	324	302	280	254	216	175	120	6
SD6-12/28-18,5	18,5	25	2" - 3"		436	408	378	352	327	297	252	204	140	7

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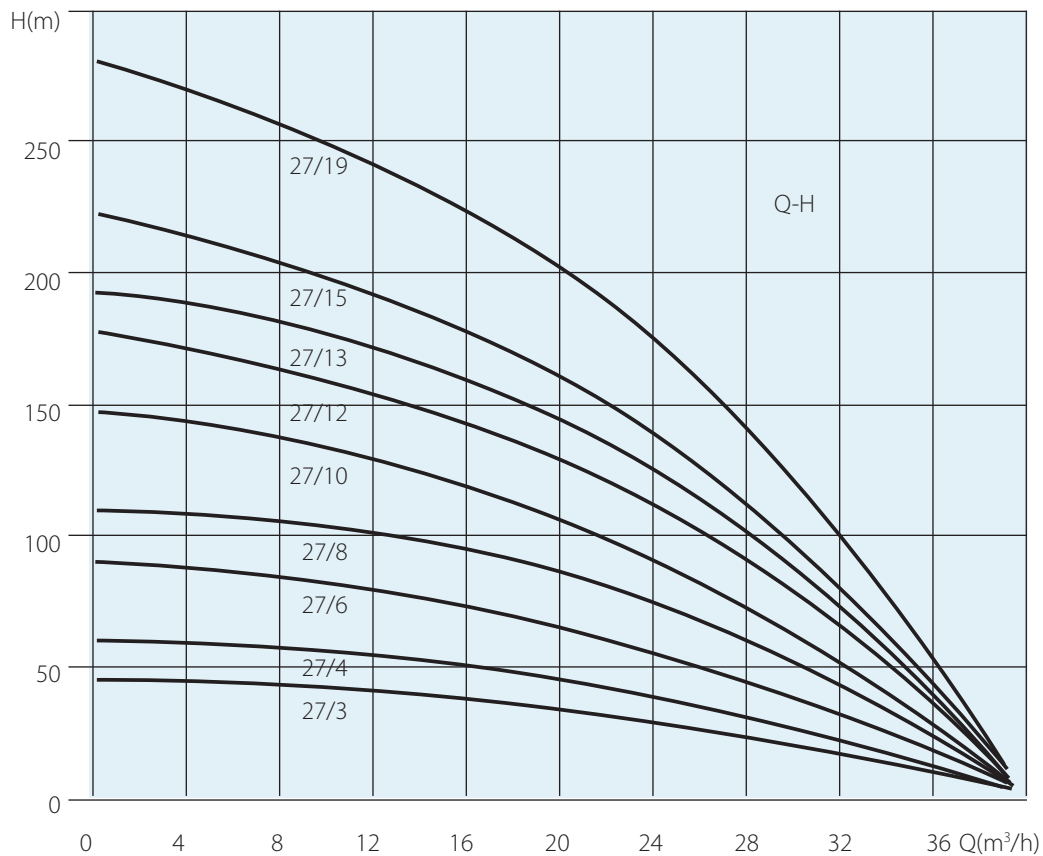
6" Borehole Deep Well Pumps



Model	P2		Outlet	l/min Q m³/h	0	83	167	250	300	333	415	467	500	550
	kW	HP			0	5	10	15	18	20	25	28	30	33
SD6-18/4-4	4	5,5	3"	Head m	56	54	51	46	41	38	26	17	11	1
SD6-18/5-4	4	5,5	3"		71	69	63	57	52	46	32	21	13	2
SD6-18/7-5,5	5,5	7,5	3"		100	96	88	80	72	66	46	30	18	2
SD6-18/9-7,5	7,5	10	3"		127	123	114	103	94	82	61	41	28	2
SD6-18/11-9,2	9,2	12,5	3"		155	152	138	130	112	103	73	46	30	2
SD6-18/13-11	11	15	3"		184	177	163	148	134	122	84	52	39	3
SD6-18/15-13	13	17,5	3"		212	204	188	170	153	138	91	60	39	3
SD6-18/18-15	15	20	3"		254	138	220	196	181	153	101	72	43	3
SD6-18/22-18,5	18,5	25	3"		310	300	176	248	223	201	134	88	48	4

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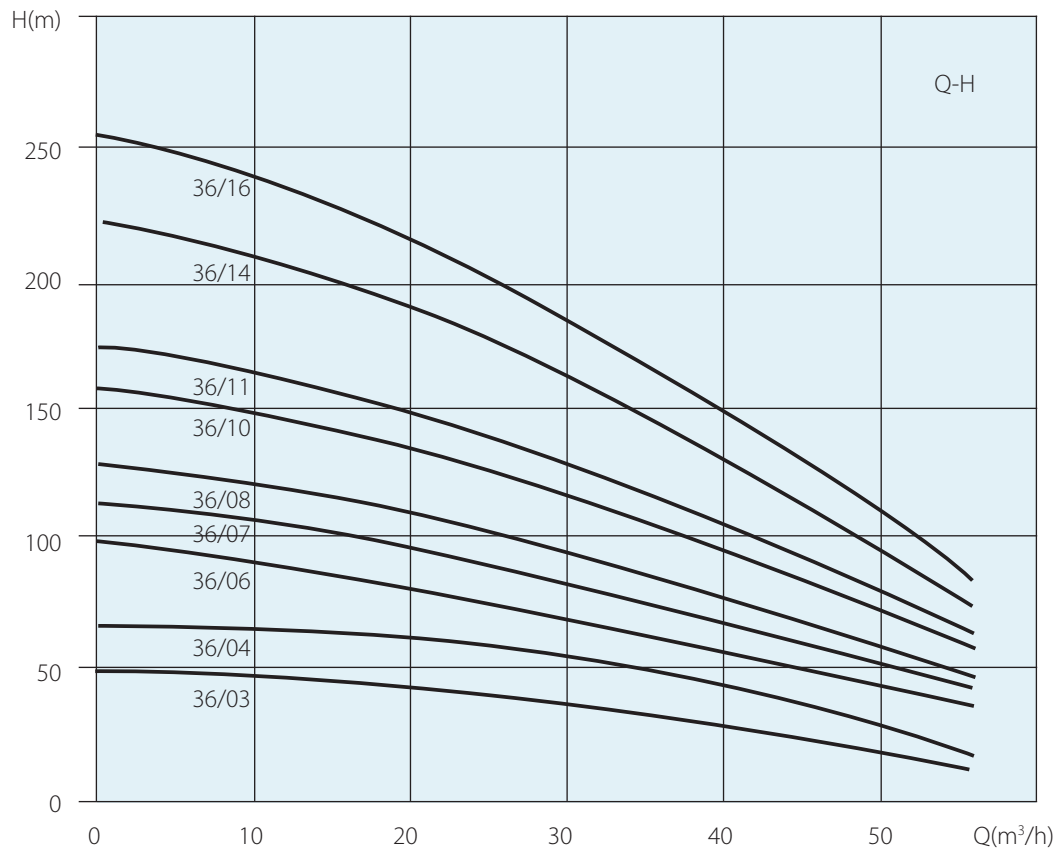
6" Borehole Deep Well Pumps



Model	P2		Outlet	l/min Q m³/h	0	83	167	250	333	417	450	500	583	644
	kW	HP			0	5	10	15	20	25	27	30	35	38,8
SD6-27/3-3	3	4	3"	Head m	44	43	40	35	32	27	24	19	10	2
SD6-27/4-4	4	5,5	3"		59	58	54	47	43	36	32	26	13	2
SD6-27/6-5,5	5,5	7,5	3"		89	88	81	71	64	54	48	39	20	3
SD6-27/8-7,5	7,5	10	3"		118	116	109	94	85	72	64	52	26	3
SD6-27/10-9,2	9,2	12,5	3"		148	146	136	118	107	90	80	65	33	4
SD6-27/12-11	11	15	3"		177	174	163	141	128	108	96	78	39	4
SD6-27/13-13	13	17,5	3"		192	189	177	153	139	117	104	84	43	5
SD6-27/15-15	15	20	3"		222	219	204	177	160	135	120	97	49	6
SD6-27/19-18,5	18,5	25	3"		281	277	258	224	203	171	152	123	63	7

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Model	P2		Outlet	l/min Q m³/h	0	100	200	300	400	500	600	700	800	910
	kW	HP			0	6	12	18	24	30	36	42	48	55
SD6-36/3-4	4	5,5	3"	Head m	48	47	44	41	38	34	29	23	15	2
SD6-36/4-5,5	5,5	7,5	3"		64	63	59	55	51	45	39	31	20	3
SD6-36/6-7,5	7,5	10	3"		96	94	89	83	76	67	58	46	30	4
SD6-36/7-9,2	9,2	12,5	3"		112	110	104	97	89	79	68	54	36	5
SD6-36/8-11	11	15	3"		128	125	118	110	102	90	78	61	41	6
SD6-36/10-13	13	17,5	3"		160	157	148	138	127	112	97	77	51	6
SD6-36/11-15	15	20	3"		176	172	163	152	140	123	107	84	56	7
SD6-36/14-18,5	18,5	25	3"		224	219	207	193	178	157	136	107	71	9
SD6-36/16-22	22	30	3"		256	251	237	221	204	180	156	123	81	11