

4" SS SUPER SANDY BOREHOLE PUMPS SERIES



- ⊗ **Super Sandy Pump**
Maximum Sand Resistance up to 450 g/m³
- ⊗ **Wide Operating Voltage**
(160V to 240V for single phase 50 Hz)
(350V to 415V for three phase 50 Hz)
- ⊗ **Specially engineered and manufactured for Sandy Wells and Wide Operating Voltage.**
- ⊗ **The Floating Impeller and Materials Selection ensured an excellent resistance against sand.**

Pumps Specifications:

- Delivery up to 24 m³/h
- Head up to 527 m
- Motor size up to 7.5 kW/ 10 Hp
- Outlet size of 1.25", 1.5" and 2"
- Max. pump diameter of 97 mm
- NEMA standard dimensions

Motors Specifications:

- Oil filled rewindable motor
- IP 68 protection
- Class B insulation
- High quality Mechanical Seal
- High quality Bearings
- Max. water temp. of 35° Celsius

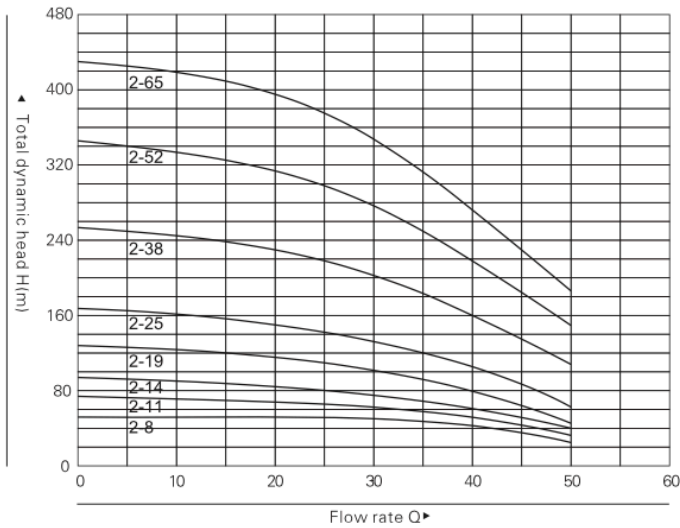
4" SS SUPER SANDY BOREHOLE PUMPS SERIES



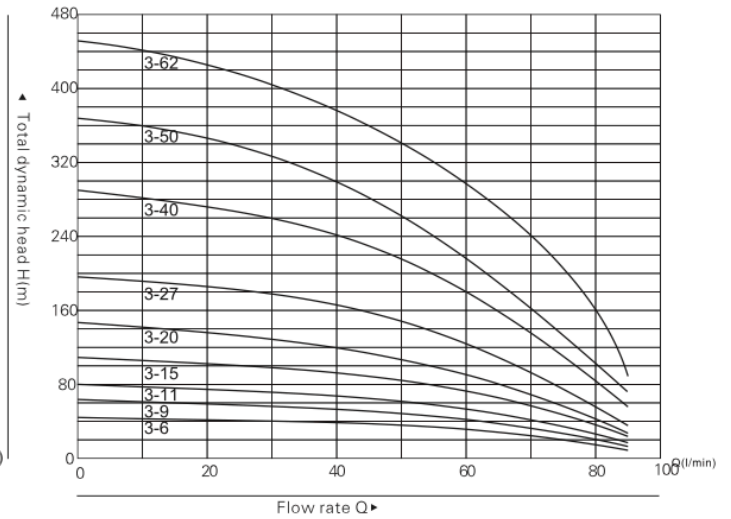
Ref. N.	4" SS Pump Parts	Materials
1	Sleeve	Stainless Steel
2	Discharge Head	Casted Stainless Steel
3	Bottom Bracket (Motor Adapter)	Casted Stainless Steel
4	Impeller	Polyformaldehyde (POM)
5	Diffuser	Polycarbonate with Ceramic Insert
6	Bowl	Stainless Steel
7	Non Return Valve	Polycarbonate
8	Bearing	N.B.R.
9	Shaft	Stainless Steel
10	Coupling	Stainless Steel
11	Filter	Stainless Steel
12	Cable Guard	Stainless Steel

Ref. N.	4" CS Motor Parts	Materials
1	Top Bracket	Stainless Steel or Brass
2	Mechanical Seal	Graphite Ceramic
3	Bearing	C&U
4	Windings	Copper
5	Lamination	Cold Rolled Silicon Steel
6	Shaft	Stainless Steel
7	Sleeve	Stainless Steel
8	Oil	Food Grade White Oil

4" SS 2 - 50 HZ - 2850 RPM



4" SS 3 - 50 HZ - 2850 RPM

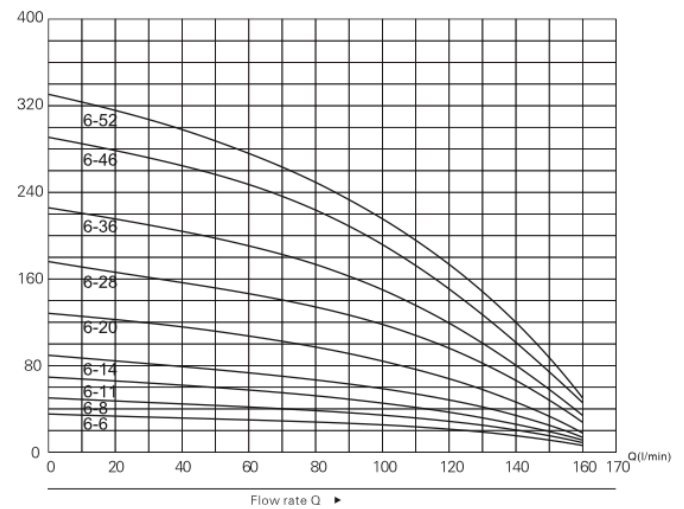
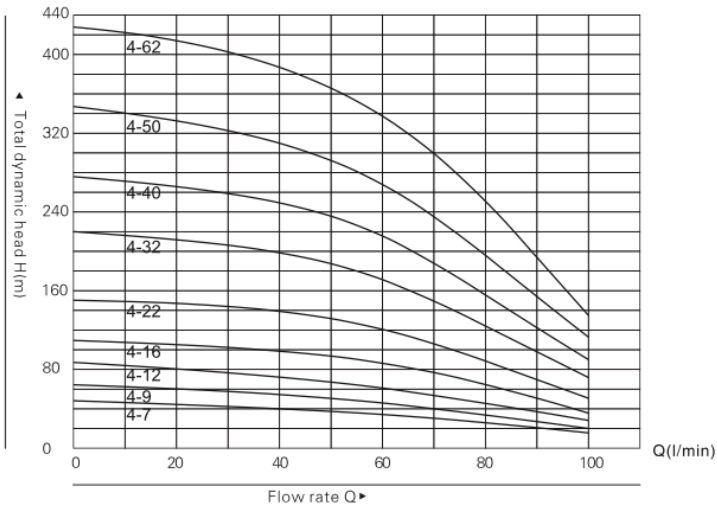


Type	N. of Stages	Motor		Q	Delivery											
		KW	HP		m3/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0
						l/min	0	5	10	15	20	25	30	35	40	45
SS 2-8	8	0.37	0.50	Head Hm	53	52	51	51	48	46	42	38	34	28	23	
SS 2-11	11	0.55	0.75		75	72	70	70	67	63	58	52	46	39	31	
SS 2-14	14	0.75	1.00		93	92	90	89	85	80	74	67	59	50	40	
SS 2-19	19	1.10	1.50		126	124	122	120	115	109	100	90	80	67	54	
SS 2-25	25	1.50	2.00		166	164	160	158	151	143	132	119	105	89	71	
SS 2-38	38	2.20	3.00		252	249	243	240	230	218	201	181	160	135	108	
SS 2-52	52	3.00	4.00		345	341	333	329	315	298	275	248	218	184	148	
SS 2-65	65	4.00	5.50		431	426	416	411	393	373	343	309	273	230	185	

Type	N. of Stages	Motor		Q	Delivery										
		KW	HP		m3/h	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4
						l/min	0	10	20	30	40	50	60	70	80
SS 3-6	6	0.37	0.50	Head Hm	44	43	41	39	36	32	27	21	15	9	
SS 3-9	9	0.55	0.75		65	64	62	59	54	48	41	32	23	13	
SS 3-11	11	0.75	1.00		80	79	76	72	66	59	50	39	28	16	
SS 3-15	15	1.10	1.50		109	107	104	98	90	81	68	53	39	22	
SS 3-20	20	1.50	2.00		145	143	138	130	120	108	90	70	52	29	
SS 3-27	27	2.20	3.00		196	193	186	176	162	145	122	95	70	39	
SS 3-40	40	3.00	4.00		290	286	276	260	240	215	180	140	103	58	
SS 3-50	50	4.00	5.50		363	358	345	325	300	269	225	195	129	72	
SS 3-62	62	5.50	7.50		450	443	428	403	372	334	299	240	160	89	

4" SS 4 - 50 HZ - 2850 RPM

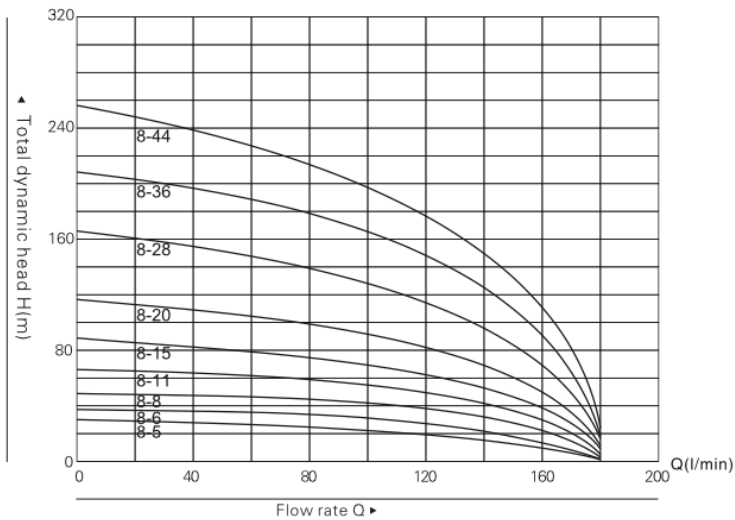
4" SS 6 - 50 HZ - 2850 RPM



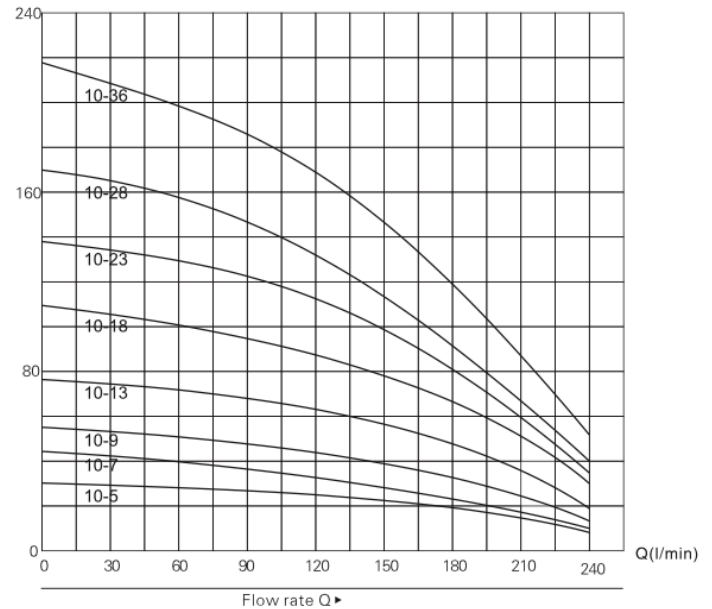
Type	N. of Stages	Motor		Q	Delivery											
		KW	HP		m3/h	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0
						l/min	0	10	20	30	40	50	60	70	80	90
SS 4-7	7	0.55	0.75	Head Hm	48	48	46	45	43	41	38	33	27	22	16	
SS 4-9	9	0.75	1.00		62	61	59	58	55	53	49	43	35	28	20	
SS 4-12	12	1.10	1.50		83	81	79	78	73	71	65	57	46	37	27	
SS 4-16	16	1.50	2.00		110	109	105	104	98	94	86	76	62	49	36	
SS 4-22	22	2.20	3.00		151	149	144	143	134	130	119	104	85	68	49	
SS 4-32	32	3.00	4.00		220	217	210	208	195	189	173	151	124	99	71	
SS 4-40	40	4.00	5.50		275	272	262	260	244	236	216	189	154	124	89	
SS 4-50	50	5.50	7.50		344	340	328	325	305	295	270	237	193	155	111	
SS 4-62	62	7.50	10.00		427	421	406	402	382	366	335	298	249	192	138	

Type	N. of Stages	Motor		Q	Delivery									
		KW	HP		m3/h	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6
						l/min	0	20	40	60	80	100	120	140
SS 6-6	6	0.55	0.75	Head Hm	38	36	34	32	29	25	20	13	6	
SS 6-8	8	0.75	1.00		50	48	45	43	39	34	26	17	8	
SS 6-11	11	1.10	1.50		69	66	62	59	54	46	36	23	10	
SS 6-14	14	1.50	2.00		88	85	78	75	68	59	46	30	13	
SS 6-20	20	2.20	3.00		126	121	112	107	98	84	65	43	19	
SS 6-28	28	3.00	4.00		177	169	157	150	137	118	92	60	26	
SS 6-36	36	4.00	5.50		227	218	202	192	176	152	118	77	34	
SS 6-46	46	5.50	7.50		290	278	258	246	225	194	151	98	43	
SS 6-52	52	7.50	10.00		328	314	291	278	254	219	170	111	49	

4" SS 8 - 50 HZ - 2850 RPM



4" SS 10 - 50 HZ - 2850 RPM

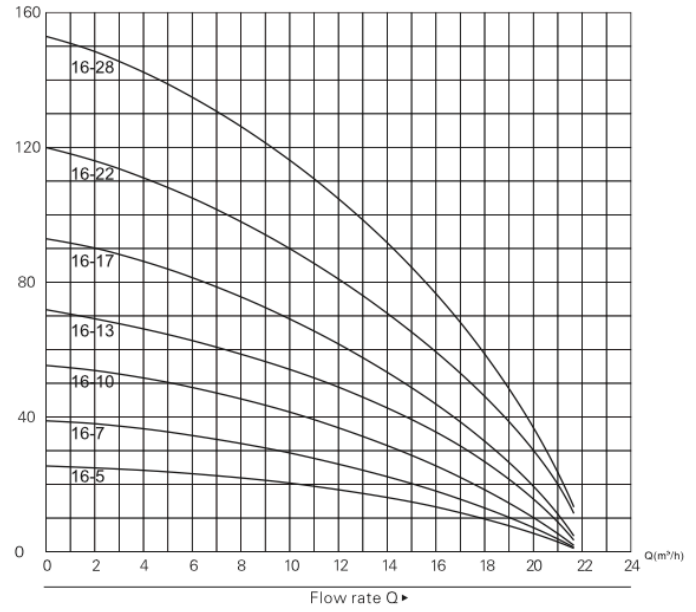
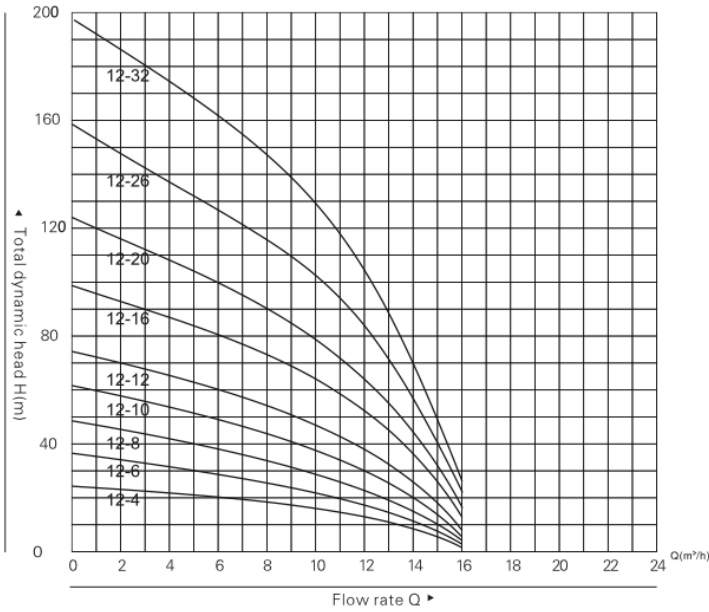


Type	N. of Stages	Motor		Q	Delivery										
		KW	HP		m3/h	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6	10.8
					l/min	0	20	40	60	80	100	120	140	160	180
SS 8-5	5	0.55	0.75	Head Hm	29	28	27	26	25	23	20	17	13	3	
SS 8-6	6	0.75	1.00		35	34	33	31	29	27	24	21	15	3	
SS 8-8	8	1.10	1.50		46	45	44	41	39	36	32	27	21	4	
SS 8-11	11	1.50	2.00		64	62	60	57	54	50	45	38	28	6	
SS 8-15	15	2.20	3.00		87	84	82	78	74	68	61	51	39	8	
SS 8-20	20	3.00	4.00		116	113	109	103	98	91	81	69	52	10	
SS 8-28	28	4.00	5.50		162	158	153	145	137	127	114	96	72	14	
SS 8-36	36	5.50	7.50		209	203	196	186	177	163	146	123	93	18	
SS 8-44	44	7.50	10.00		255	248	240	227	216	200	179	151	114	22	

Type	N. of Stages	Motor		Q	Delivery									
		KW	HP		m3/h	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4
					l/min	0	30	60	90	120	150	180	210	240
SS 10-5	5	0.75	1.00	Head Hm	30	30	28	26	24	21	16	13	7	
SS 10-7	7	1.10	1.50		42	41	39	37	34	29	22	17	10	
SS 10-9	9	1.50	2.00		55	53	50	47	43	37	28	22	13	
SS 10-13	13	2.20	3.00		79	77	72	68	63	54	41	37	19	
SS 10-18	18	3.00	4.00		109	107	100	94	87	75	57	51	26	
SS 10-23	23	4.00	5.50		139	136	127	121	111	95	72	59	33	
SS 10-28	28	5.50	7.50		170	166	155	147	135	116	88	68	40	
SS 10-36	36	7.50	10.00		218	213	199	189	174	149	113	82	52	

4" SS 12 - 50 HZ - 2850 RPM

4" SS 16 - 50 HZ - 2850 RPM



Type	N. of Stages	Motor		Q	Delivery									
		KW	HP		m3/h	Head Hm								
						l/min	0	2.0	4.0	6.0	8.0	10.0	12.0	14.0
SS 12-4	4	0.75	1.00		24	23	21	19	16	14	10	6	2	
SS 12-6	6	1.10	1.50		36	34	32	29	26	22	17	11	3	
SS 12-8	8	1.50	2.00		49	46	43	40	36	30	24	16	5	
SS 12-10	10	2.20	3.00		61	58	53	49	44	38	30	20	6	
SS 12-12	12	2.20	3.00		73	70	65	58	53	45	36	24	8	
SS 12-16	16	3.00	4.00		98	93	86	80	71	62	51	36	13	
SS 12-20	20	4.00	5.50		123	116	108	100	89	78	64	45	16	
SS 12-26	26	5.50	7.50		159	151	140	130	115	101	83	59	21	
SS 12-32	32	7.50	10.00		196	186	172	160	142	124	102	72	26	

Type	N. of Stages	Motor		Q	Delivery									
		KW	HP		m3/h	Head Hm								
						l/min	0	6.0	8.0	10.0	12.0	14.0	16.0	18.0
SS 16-5	5	1.10	1.50		27	24	22	20	19	17	14	11	3	
SS 16-7	7	1.50	2.00		38	34	31	27	26	24	20	16	4	
SS 16-10	10	2.20	3.00		55	48	45	39	37	34	28	23	6	
SS 16-13	13	3.00	4.00		71	63	58	51	48	44	36	29	7	
SS 16-17	17	4.00	5.50		93	82	76	66	62	58	48	38	9	
SS 16-22	22	5.50	7.50		120	106	99	86	80	75	62	50	11	
SS 16-28	28	7.50	10.00		153	135	125	109	101	95	78	63	14	