



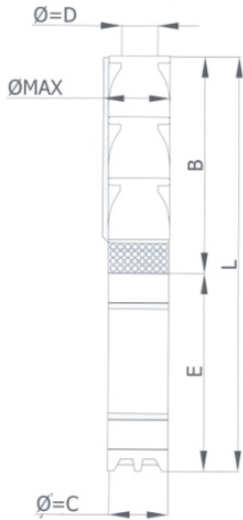
**SUBMERSIBLE BOREHOLE PUMP**

TYPICAL TECHNICAL DATA

BASED ON WATER DENSITY 1000 kg/m<sup>3</sup>

VISCOSITY 1.13 cst 113 mm<sup>2</sup>/s

**T 630**



Pumped Liquid: Non - Aggressive. Temperature min = 0° C max = 40° C			
Maximum allowable solid quantity = 50 g/m <sup>3</sup> solid dimension: Max 2mm			
Speed - 2900 RPM	CW = 5,5 - 35 Qmax = 38 m <sup>3</sup> /h	Best efficiency point:	Q = 30 m <sup>3</sup> H = 160 m
Maximum pump diameter (including cable guard): 153 mm		Discharge diameter:	3 "
Maximum depth of application: Up to 250 m below the water level		Maximum working pressure:	25 atm
Minimum liquid level: 800 mm from bottom of suction grid		Maximum head:	266 m
Impeller type: Mixed Flow	Construction and safety standards: TS 11146:1993 TS EN ISO 12100-1:2007 TS EN 809:2000 TS EN ISO 12100-2:2006 98/37/EC		

PUMP TYPE	MOTOR		DIMENSIONS (mm)						WEIGHT (kg)		
	HP	Kw	L	E	B	Ø = C	Ø = D	Ø MAX	MOTOR	PUMP	TOTAL
T630/03	5.5	4	1320	610	710	145	3"	153	45	33	78
T630/04	5.5	4	1440	610	830	145	3"	153	45	39	84
T630/05	7.5	5.5	1601	651	950	145	3"	153	50	46	96
T630/06	10	7.5	1761	691	1070	145	3"	153	55	52	107
T630/07	10	7.5	1881	691	1190	145	3"	153	55	59	114
T630/08	12.5	9.3	2041	731	1310	145	3"	153	60	65	125
T630/09	15	11	2211	781	1430	145	3"	153	65	72	137
T630/10	15	11	2331	781	1550	145	3"	153	65	78	143
T630/11	17.5	15	2501	831	1670	145	3"	153	67	85	152
T630/12	17.5	15	2621	831	1790	145	3"	153	67	91	158
T630/13	20	15	2791	881	1910	145	3"	153	77	98	175
T630/14	20	15	2911	881	2030	145	3"	153	77	104	181
T630/15	25	18.5	3131	981	2150	145	3"	153	88	111	199
T630/16	25	18.5	3251	981	2270	145	3"	153	88	117	205
T630/17	25	18.5	3371	981	2390	145	3"	153	88	124	212
T630/18	30	22	3541	1031	2510	145	3"	153	93	130	223
T630/19	30	22	3661	1031	2630	145	3"	153	93	136	229
T630/20	30	22	3781	1031	2750	145	3"	153	93	143	236
T630/21	40	30	3981	1111	2870	145	3"	153	105	149	254
T630/22	40	30	4101	1111	2990	145	3"	153	105	156	261

PUMP TYPE	MOTOR		m <sup>3</sup> /h	Head in Meters																
	HP	Kw		0.0	2.8	3.3	3.9	4.4	5.0	5.6	6.1	6.7	7.2	7.8	8.3	8.9	9.4	10.0	10.6	
T630/03	5.5	4	38	36	35	35	34	32	31	30	28	26	24	22	19	16	13	10		
T630/04	5.5	4	51	48	47	46	45	43	41	39	37	35	32	29	26	22	18	13		
T630/05	7.5	5.5	64	60	59	58	56	54	52	49	46	43	40	36	32	27	22	17		
T630/06	10	7.5	77	72	71	69	67	65	62	59	56	52	48	43	38	33	27	20		
T630/07	10	7.5	89	84	83	81	78	76	73	69	65	61	56	51	45	38	31	24		
T630/08	12.5	9.3	102	97	95	92	90	86	83	79	74	69	64	58	51	44	36	27		
T630/09	15	11	115	109	106	104	101	97	93	89	84	78	72	65	58	49	40	30		
T630/10	15	11	128	121	118	115	112	108	104	99	93	87	80	72	64	55	45	34		
T630/11	17.5	15	140	133	130	127	123	119	114	108	102	95	88	80	70	60	49	37		
T630/12	17.5	15	153	145	142	138	134	130	124	118	112	104	96	87	77	66	54	40		
T630/13	20	15	166	157	154	150	146	140	135	128	121	113	104	94	83	71	58	44		
T630/14	20	15	179	169	166	162	157	151	145	138	130	121	112	101	89	77	63	47		
T630/15	25	18.5	191	181	177	173	168	162	155	148	139	130	120	108	96	82	67	51		
T630/16	25	18.5	204	193	189	185	179	173	166	158	149	139	128	116	102	88	72	54		
T630/17	25	18.5	217	205	201	196	190	184	176	168	158	147	136	123	109	93	76	57		
T630/18	30	22	230	217	213	208	202	194	186	177	167	156	144	130	115	99	80	61		
T630/19	30	22	242	229	225	219	213	205	197	187	177	165	152	137	121	104	85	64		
T630/20	30	22	255	241	237	231	224	216	207	197	186	174	160	145	128	110	89	67		
T630/21	40	30	268	253	248	242	235	227	218	207	195	182	168	152	134	115	94	71		
T630/22	40	30	281	266	260	254	246	238	228	217	205	191	176	159	141	120	98	74		

DATE 07/02/2012

TECHNICAL DATA NO: FPS T-630

