FPS T series

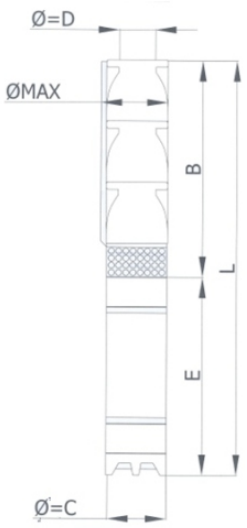
SUBMERSIBLE BOREHOLE PUMP

TYPICAL TECHNICAL DATA

BASED ON WATER DENSITY **1000 kg/m³**

VISCOSITY **1.13** cst **113 mm²/s**

T 675



Pumped Liquid: Non - Aggressive. Temperature min = 0° C max = 40° C Maximum allowable solid quantity = 50 g/m³ solid dimension: Max 2mm			
Speed - 2900 RPM	CW = 5,5 - 60 Qmax = 110 m³ /h	Best efficiency point:	Q = 75 m³ H = 153 m
Maximum pump diameter (including cable guard): 153 mm		Discharge diameter:	4 "
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:	210 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)		
									4"	4"	4"
	HP	Kw	L	E	B	Ø = C	Ø = D	Ø MAX	MOTOR	PUMP	TOTAL
T675/01	5.5	4	1166	631	535	145	4"	153	45	20	65
T675/02	7.5	5.5	1326	651	675	145	4"	153	50	26	76
T675/03	10	7.5	1506	691	815	145	4"	153	55	33	88
T675/04	15	11	1736	781	955	145	4"	153	65	39	104
T675/05	17.5	15	1926	831	1095	145	4"	153	67	45	112
T675/06	20	15	2116	881	1235	145	4"	153	77	52	129
T675/07	25	18.5	2356	981	1375	145	4"	153	88	58	146
T675/08	30	22	2546	1031	1515	145	4"	153	93	64	157
T675/09	30	22	2686	1031	1655	145	4"	153	93	71	164
T675/10	40	30	2906	1111	1795	145	4"	153	105	77	182
T675/11	40	30	3126	1191	1935	145	4"	153	112	83	195
T675/12	40	30	3266	1191	2075	145	4"	153	112	90	202
T675/13	50	37	3486	1271	2215	145	4"	153	114	96	210
T675/14	50	37	3626	1271	2355	145	4"	153	114	102	216
T675/15	50	37	3766	1271	2495	145	4"	153	114	109	223
T675/16	60	45	3906	1271	2635	145	4"	153	114	115	229
T675/17	60	45	4046	1271	2775	145	4"	153	114	121	235
T675/18	60	45	4186	1271	2915	145	4"	153	114	127	241

PUMP TYPE	MOTOR		m³/h	0	36	40	42	45	48	54	60	66	72	75	80	84	90	96	100	105	108	110
	4"																					
	HP	Kw	l/sn	0.0	10	11.1	11.7	12.50	13.3	15	16.7	18.3	20	20.8	22.2	23.3	25.0	26.7	27.8	29.2	30	30.6
T675/01	5.5	4		15	12	11	11	11	10	10	10	9	9	8	8	8	7	6	6	5	4	4
T675/02	7.5	5.5		30	23	22	22	21	21	20	19	18	17	17	16	15	14	13	11	9	8	7
T675/03	10	7.5		45	35	34	33	32	31	30	29	27	26	25	24	23	21	19	17	14	12	11
T675/04	15	11		61	47	45	44	43	42	40	38	37	35	34	32	31	28	25	23	19	17	15
T675/05	17.5	15		76	58	56	55	54	52	50	48	46	44	42	40	38	35	31	28	24	21	18
T675/06	20	15		91	70	67	66	64	63	60	57	55	52	51	48	46	42	38	34	28	25	22
T675/07	25	18.5		106	82	79	77	75	73	70	67	64	61	59	56	54	49	44	39	33	29	26
T675/08	30	22		121	93	90	88	86	84	80	76	73	70	68	65	62	56	50	45	38	33	30
T675/09	30	22		136	105	101	99	96	94	90	86	82	78	76	73	69	63	56	51	43	37	33
T675/10	35	22		152	117	112	110	107	105	100	95	91	87	85	81	77	70	63	56	47	41	37
T675/11	40	37		167	128	123	121	118	115	110	105	100	96	93	89	85	77	69	62	52	45	41
T675/12	40	37	Head in Meters	182	140	135	132	129	125	120	115	110	105	102	97	92	85	75	68	57	50	44
T675/13	50	37		197	152	146	143	139	136	130	124	119	113	110	105	100	92	81	73	62	54	48
T675/14	50	37		203	164	157	154	150	146	140	134	128	122	119	113	108	99	88	79	66	58	52
T675/15	50	37		216	175	168	165	161	157	150	143	137	131	127	121	115	106	94	85	71	62	55
T675/16	60	45		226	187	180	176	172	167	160	153	146	139	136	129	123	113	100	90	76	66	59
T675/17	60	45		252	199	191	187	182	178	170	162	155	148	144	137	131	120	106	96	81	70	63
T675/17	60	45		261	210	202	198	193	188	180	172	164	157	153	145	139	127	113	101	85	74	67