



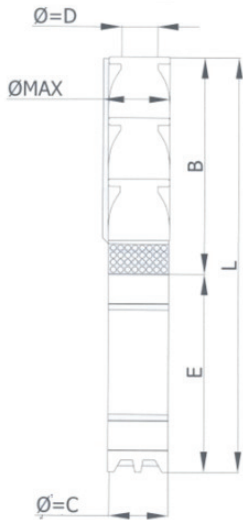
SUBMERSIBLE BOREHOLE PUMP

TYPICAL TECHNICAL DATA

BASED ON WATER DENSITY 1000 kg/m³

VISCOSITY 1.13 cst 113 mm²/s

T 655



Pumped Liquid: Non - Aggressive. Temperature min = 0° C max = 40° C			
Maximum allowable solid quantity = 50 g/m ³ solid dimension: Max 2mm			
Speed - 2900 RPM	CW = 7,5 - 60 Qmax = 78 m ³ /h	Best efficiency point:	Q = 16 m ³ 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:	268 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
T635/02	5.5	4	1246	631	615	145	3"	153	45	25	70
T635/03	7.5	5.5	1381	651	730	145	3"	153	50	31	81
T635/04	10	7.5	1536	691	845	145	3"	153	55	37	92
T635/05	10	7.5	1651	691	960	145	3"	153	55	43	98
T635/06	1205	9.2	1806	731	1075	145	3"	153	60	49	109
T635/07	15	11	1971	781	1190	145	3"	153	65	55	120
T635/08	17.5	13	2136	831	1305	145	3"	153	67	61	128
T635/09	20	15	2301	881	1420	145	3"	153	77	67	144
T635/10	20	15	2416	881	1535	145	3"	153	77	73	150
T635/11	25	18.5	2631	981	1650	145	3"	153	88	79	167
T635/12	25	18.5	2746	981	1765	145	3"	153	88	85	173
T635/13	30	22	2911	1031	1880	145	3"	153	93	91	184
T635/14	30	22	3026	1031	1995	145	3"	153	93	97	190
T635/15	30	22	3141	1031	2110	145	3"	153	93	103	196
T635/16	35	26	3336	1111	2225	145	3"	153	105	109	214
T635/17	35	26	3451	1111	2340	145	3"	153	105	115	220
T635/18	40	30	3646	1191	2455	145	3"	153	112	121	233
T635/19	40	30	3761	1191	2570	145	3"	153	112	127	239
T635/20	40	30	3876	1191	2685	145	3"	153	112	133	245
T635/21	50	37	4071	1271	2800	145	3"	153	114	139	253
T635/22	50	37	4186	1271	2915	145	3"	153	114	145	259

PUMP TYPE	MOTOR		Head in Meters																					
	HP	Kw	0	24	26	28	30	32	36	40	42	44	46	48	50	52	54	56	58	62	66	70	74	78
T645/02	7.5	5.5	29	25	24	24	22	23	22	21	21	20	20	19	19	18	18	17	16	15	13	11	9	7
T645/03	10	7.5	47	39	38	38	37	37	36	35	34	34	33	32	31	30	29	28	26	24	22	19	16	12
T645/04	12.5	9.2	62	52	51	50	49	49	48	46	46	45	43	42	41	40	39	38	37	34	30	25	22	17
T645/05	15	11	77	65	64	63	62	61	59	57	56	55	54	53	51	50	48	47	45	42	37	31	26	21
T645/06	17.5	13	93	79	77	76	74	74	71	69	68	67	65	64	62	60	59	57	55	51	45	38	32	25
T645/07	20	15	108	91	85	88	87	86	83	81	79	77	75	73	71	69	67	65	63	58	51	43	37	29
T645/08	25	18.5	123	106	103	102	100	99	96	93	92	90	88	86	83	81	79	76	73	69	61	51	43	35
T645/09	30	22	141	120	117	115	113	112	108	105	103	101	99	97	94	92	89	87	84	77	68	59	50	40
T645/10	30	22	156	133	130	128	126	125	121	117	115	113	110	107	105	102	99	97	94	87	77	67	56	44
T645/11	35	26	167	139	136	133	131	130	125	121	118	116	113	110	108	105	102	98	95	88	78	68	57	45
T645/12	35	26	183	151	148	145	142	140	136	133	131	127	124	121	118	114	111	108	104	96	82	69	58	46
T645/13	40	30	199	166	163	160	157	153	148	144	142	139	136	133	128	124	121	118	114	104	89	75	62	47
T645/14	40	30	216	184	181	178	174	170	164	160	157	154	151	147	143	138	135	131	127	117	100	85	72	52
T645/15	50	37	232	202	199	196	192	188	182	176	172	170	166	162	158	153	149	145	140	131	112	95	82	57
T645/16	50	37	247	215	212	208	204	200	193	188	184	181	176	172	168	163	159	154	149	139	119	101	87	65
T645/17	50	37	262	227	224	220	217	212	205	199	196	192	187	182	177	173	168	163	158	148	126	107	93	72
T645/18	60	45	277	244	239	236	232	226	220	213	210	206	202	197	191	186	181	175	170	157	140	119	100	77
T645/19	60	45	292	256	251	247	243	238	231	224	221	216	211	206	199	194	189	184	178	164	145	124	103	81
T645/20	60	45	307	268	263	259	254	249	241	235	232	225	219	214	208	203	198	193	185	171	150	127	105	84

DATE 02/11/2010

TECHNICAL DATA NO: FPS T-655

