



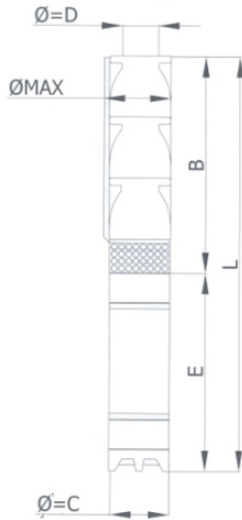
SUBMERSIBLE BOREHOLE PUMP

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
T655/02	7.5	5.5	1266	651	615	145	4"	153	50	30	80
T655/03	10	7.5	1421	691	730	145	4"	153	55	35	90
T655/04	12.5	9.3	1576	731	845	145	4"	153	60	40	100
T655/05	15	11	1741	781	960	145	4"	153	65	45	110
T655/06	17.5	15	1906	831	1075	145	4"	153	67	50	117
T655/07	20	15	2071	881	1190	145	4"	153	77	55	132
T655/08	25	18.5	2286	981	1305	145	4"	153	88	60	148
T655/09	30	22	2451	1031	1420	145	4"	153	93	65	158
T655/10	30	22	2566	1031	1535	145	4"	153	93	70	163
T655/11	40	30	2761	1111	1650	145	4"	153	105	75	180
T655/12	40	30	2876	1111	1765	145	4"	153	105	80	185
T655/13	40	30	3071	1191	1880	145	4"	153	112	85	197
T655/14	40	30	3186	1191	1995	145	4"	153	112	90	202
T655/15	50	37	3381	1271	2110	145	4"	153	114	95	209
T655/16	50	37	3496	1271	2225	145	4"	153	114	100	214
T655/17	50	37	3611	1271	2340	145	4"	153	114	105	219
T655/18	60	45	3726	1271	2455	145	4"	153	114	110	224
T655/19	60	45	3841	1271	2570	145	4"	153	114	115	229
T655.20	60	45	3956	1271	2685	146	4"	154	114	120	234

PUMP TYPE	MOTOR		m ³ /h	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
T655/02	7.5	5.5	29	25	24	24	22	23	22	21	21	20	19	19	18	18	17	16	15	13	11	9	7	
T655/03	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
T655/04	12.5	9.3	62	52	51	50	49	49	48	46	46	45	43	42	41	40	39	38	37	34	30	25	22	17
T655/05	15	11	77	65	64	63	62	61	59	57	56	55	54	53	51	50	48	47	45	42	37	31	26	21
T655/06	17.5	15	93	79	77	76	74	74	71	69	68	67	65	64	62	60	59	57	55	51	45	38	32	25
T655/07	20	15	108	91	85	88	87	86	83	81	79	77	75	73	71	69	67	65	63	58	51	43	37	29
T655/08	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
T655/09	30	22	141	120	117	115	113	112	108	105	103	101	99	97	94	92	89	87	84	77	68	59	50	40
T655/10	30	22	156	133	130	128	126	125	121	117	115	113	110	107	105	102	99	97	94	87	77	67	56	44
T655/11	35	26	167	139	136	133	131	130	125	121	118	116	113	110	108	105	102	98	95	88	78	68	57	45
T655/12	35	26	183	151	148	145	142	140	136	133	131	127	124	121	118	114	111	108	104	96	82	69	58	46
T655/13	40	30	199	166	163	160	157	153	148	144	142	139	136	133	128	124	121	118	114	104	89	75	62	47
T655/14	40	30	216	184	181	178	174	170	164	160	157	154	151	147	143	138	135	131	127	117	100	85	72	52
T655/15	50	37	232	202	199	196	192	188	182	176	172	170	166	162	158	153	149	145	140	131	112	95	82	57
T655/16	50	37	247	215	212	208	204	200	193	188	184	181	176	172	168	163	159	154	149	139	119	101	87	65
T655/17	50	37	262	227	224	220	217	212	205	199	196	192	187	182	177	173	168	163	158	148	126	107	93	72
T655/18	60	45	277	244	239	236	232	226	220	213	210	206	202	197	191	186	181	175	170	157	140	119	100	77
T655/19	60	45	292	256	251	247	243	238	231	224	221	216	211	206	199	194	189	184	178	164	145	124	103	81
T655/20	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 07/02/2012

TECHNICAL DATA NO: FPS T-655