



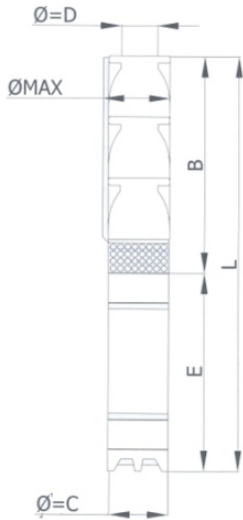
SUBMERSIBLE BOREHOLE PUMP

TYPICAL TECHNICAL DATA

BASED ON WATER DENSITY 1000 kg/m³

VISCOSITY 1.13 cst 113 mm²/s

T 635



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 = 5,5 - 50 Qmax = 60 m ³ /h	Best efficiency point:	Q = 36 m ³ H = 239 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:	295 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	9.3	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	15	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	30	3336	1111	2225	145	3"	153	105	109	214
T635/17	35	30	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		m ³ /h l/sn	Head in Meters																				
	HP	Kw		0	14	16	18	20	24	28	30	32	34	36	38	40	42	44	46	48	50	54	56	58
T635/02	5.5	4	30	27	26	25	25	25	24	23	23	22	22	21	20	19	18	17	16	15	13	12	10	9
T635/03	7.5	5.5	44	40	40	39	38	37	35	35	34	34	33	32	31	29	28	25	23	22	18	17	15	13
T635/04	10	7.5	57	53	52	51	50	48	47	46	45	44	43	41	39	38	36	34	31	29	23	21	18	16
T635/05	10	7.5	71	66	65	64	62	60	58	56	55	54	52	51	49	46	44	41	38	35	30	26	23	20
T635/06	1205	9.3	87	81	80	77	75	73	70	68	67	66	64	62	60	57	54	51	47	43	36	33	30	25
T635/07	15	11	101	94	93	91	89	85	82	81	80	77	75	72	69	67	64	59	55	50	42	39	35	31
T635/08	17.5	15	115	108	106	104	102	98	94	93	92	89	87	85	81	77	73	69	64	59	50	46	39	34
T635/09	20	15	129	121	118	116	113	110	105	103	101	99	96	93	89	85	81	76	70	65	54	50	43	37
T635/10	20	15	144	134	131	127	124	121	115	113	110	108	104	101	97	93	89	83	75	70	58	53	47	41
T635/11	25	18.5	158	147	144	141	138	133	127	124	123	120	116	112	108	103	99	92	84	78	65	57	51	44
T635/12	25	18.5	172	160	158	154	151	145	139	136	135	133	128	123	119	114	109	101	93	86	71	61	55	48
T635/13	30	22	187	172	168	165	161	156	150	147	145	142	137	132	127	121	115	108	100	92	75	69	58	50
T635/14	30	22	201	187	182	178	174	168	162	159	156	153	148	143	139	132	125	117	108	99	82	75	63	54
T635/15	30	22	216	201	197	192	188	182	174	171	168	165	160	155	150	143	136	126	115	107	90	81	68	59
T635/16	40	30	230	214	210	205	200	195	187	184	179	175	170	165	158	151	143	134	123	113	94	82	71	61
T635/17	40	30	245	228	223	218	213	208	200	197	191	186	181	174	166	160	151	141	131	118	98	84	74	63
T635/18	40	30	259	239	235	228	224	218	209	206	198	195	188	181	173	166	157	147	135	123	103	89	78	68
T635/19	40	30	273	253	248	241	236	230	221	216	210	205	198	191	184	175	165	154	140	129	106	93	82	71
T635/20	40	30	288	265	260	253	248	243	233	228	221	215	209	201	194	184	173	161	146	135	111	101	90	77
T635/21	50	37	302	284	278	271	269	264	255	249	244	239	230	223	214	205	196	183	170	155	124	112	99	84
T635/22	50	37	316	295	289	282	279	275	264	260	253	246	239	229	220	209	199	188	173	158	132	119	105	92

DATE 07/02/2012

TECHNICAL DATA NO: FPS T-635

