



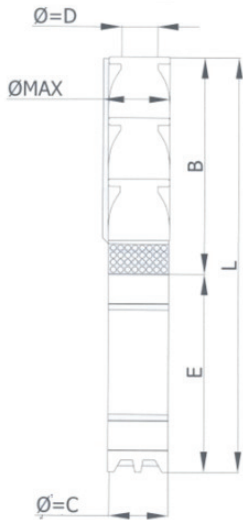
**SUBMERSIBLE BOREHOLE PUMP**

TYPICAL TECHNICAL DATA

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

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

**T 535**



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	KW = 2 - 20 Qmax = 48 m <sup>3</sup> /h	At the best efficiency point: Q = 36 m <sup>3</sup> H = 96 m	
Maximum pump diameter (including cable guard): 123mm		Discharge diameter: 3"	
Maximum depth of application: Up to 250 m below the water level		Maximum working pressure: 25 atm	
Minimum liquid level: 700 mm from bottom of suction grid		Maximum head: 123 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"	4"	B	Ø = C	Ø = D	Ø MAX	4"	4"	4"
	HP	Kw	L	E					MOTOR	PUMP	TOTAL
T535/02	2	1.5	961	431	530	93	3"	120	12	12.1	-
T535/03	3	2.2	1129	489	640	93	3"	120	14	15.5	-
T535/04	4	3	1298	548	750	93	3"	120	18	18.8	-
T535/05	5.5	4	1478	618	860	93	3"	120	21	22.2	-
T535/06	7.5	5.5	1658	688	970	93	3"	120	24	25.5	63
T535/07	7.5	5.5	1768	688	1080	93	3"	120	24	28.9	66.4
T535/08	10	7.5	1958	768	1190	93	3"	120	28	32.2	73.2
T535/09	10	7.5	2068	768	1300	93	3"	120	28	35.6	76.6
T535/10	10	7.5	2178	768	1410	93	3"	120	28	38.9	79.9
T535/11	-	9.2	-	-	1520	123	3"	123	-	42.3	87.3
T535/12	-	9.2	-	-	1630	123	3"	123	-	45.6	90.6
T535/13	-	11	-	-	1740	123	3"	123	-	49	99
T535/14	-	11	-	-	1850	123	3"	123	-	52.3	102
T535/15	-	11	-	-	1960	123	3"	123	-	55.7	106
T535/16	-	12.7	-	-	2070	123	3"	123	-	59	113
T535/17	-	12.7	-	-	2180	123	3"	123	-	62.4	116
T535/18	-	15	-	-	2290	123	3"	123	-	65.7	124
T535/19	-	15	-	-	2400	123	3"	123	-	69.1	127
T535/20	-	15	-	-	2510	123	3"	123	-	72.4	130

PUMP TYPE	MOTOR		m <sup>3</sup> /h l/s	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	60
				0.0	3.9	4.4	5.0	5.6	6.7	7.8	8.3	8.9	9.4	10.0	10.6	11.1	11.7	12.2	12.8	13.3	13.9	15	15.6	16.1	16.7
T635/02	5.5	4	30	27	26	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	9.2	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	13	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	35	26	230	214	210	205	200	195	187	184	179	175	170	165	158	151	143	134	123	113	94	82	71	61	
T635/17	35	26	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	226	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 02/11/2010

TECHNICAL DATA NO: FPS T-535

