



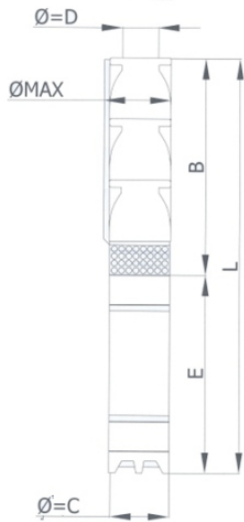
SUBMERSIBLE BOREHOLE PUMP

TYPICAL TECHNICAL DATA

BASED ON WATER DENSITY 1000 kg/m³

VISCOSITY 1.13 cst 113 mm²/s

T 535



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	KW = 2 - 20 Qmax = 48 m ³ /h	At the best efficiency point: Q = 36 m ³ 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 809:2000 98/37/EC	TS EN ISO 12100-1:2007 TS EN ISO 12100-2:2006

PUMP TYPE	MOTOR		DIMENSIONS (mm)						WEIGHT (kg)		
	4"	6"	4" / 4"	4" / 6"	B	Ø = C	Ø = D	Ø MAX	4" / 6"	4" / 6"	4" / 6"
	Kw	Kw	L	L					MOTOR	PUMP	TOTAL
T535/02	1.5	-	961	-	530	93	3"	120	12	12.1	24.1
T535/03	2.2	-	1129	-	640	93	3"	120	14	15.5	29.5
T535/04	3	-	1298	-	750	93	3"	120	18	18.8	36.8
T535/05	4	-	1478	-	860	93	3"	120	21	22.2	43.2
T535/06	5.5	5.5	1658	688	970	93	3"	120	24	25.5	63
T535/07	5.5	5.5	1768	688	1080	93	3"	120	24	28.9	66.4
T535/08	7.5	7.5	1958	768	1190	93	3"	120	28	32.2	73.2
T535/09	7.5	7.5	2068	768	1300	93	3"	120	28	35.6	76.6
T535/10	7.5	7.5	2178	768	1410	93	3"	120	28	38.9	79.9
T535/11	-	9.3	-	1520	1520	123	3"	123	-	42.3	87.3
T535/12	-	9.3	-	1630	1630	123	3"	123	-	45.6	90.6
T535/13	-	11	-	1740	1740	123	3"	123	-	49	99
T535/14	-	11	-	1850	1850	123	3"	123	-	52.3	102
T535/15	-	11	-	1960	1960	123	3"	123	-	55.7	106
T535/16	-	15	-	2070	2070	123	3"	123	-	59	113
T535/17	-	15	-	2180	2180	123	3"	123	-	62.4	116
T535/18	-	15	-	2290	2290	123	3"	123	-	65.7	124
T535/19	-	15	-	2400	2400	123	3"	123	-	69.1	127
T535/20	-	15	-	2510	2510	123	3"	123	-	72.4	130

PUMP TYPE	MOTOR			m /h ³	Head in Meters															
	4"	5"	Kw		0	22	24	26	28	30	32	34	36	38	40	42	44	46		
	HP	HP			0.0	6.11	6.67	7.22	7.78	8.33	8.89	9.4	10	10.56	11.11	11.67	12.22	12.78		
T535/02	2	-	1.5	20	13	13	12	12	11	11	10	10	9	9	8	7	6			
T535/03	3	-	2.2	31	21	20	19	18	18	17	16	15	14	13	12	11	9			
T535/04	4	-	3	40	26	25	24	23	22	21	20	19	18	17	16	13	11			
T535/05	5.5	-	4	49	32	31	30	29	28	27	26	25	23	22	20	18	15			
T535/06	7.5	7.5	5.5	60	39	38	37	36	35	34	33	31	30	28	25	23	20			
T535/07	7.5	7.5	5.5	70	46	44	43	42	41	40	39	37	35	33	30	26	23			
T535/08	10	10	7.5	78	51	50	48	47	46	45	42	41	38	35	33	29	24			
T535/09	10	10	7.5	87	57	56	54	53	51	50	48	46	42	39	37	33	27			
T535/10	10	10	7.5	97	64	62	60	59	57	56	53	51	47	44	41	37	30			
T535/11	-	12.5	9.3	102	67	65	63	62	59	57	54	52	49	45	42	38	31			
T535/12	-	12.5	9.3	111	73	71	69	67	65	62	59	57	53	49	45	39	33			
T535/13	-	15	11	123	81	79	77	76	73	71	67	64	60	56	50	45	38			
T535/14	-	15	11	133	88	85	83	81	79	76	72	69	65	60	54	49	41			
T535/15	-	15	11	142	94	91	89	87	84	82	77	74	69	64	58	52	44			
T535/16	-	17.5	15	152	101	98	95	94	91	88	83	80	75	69	63	56	45			
T535/17	-	17.5	15	162	107	105	101	100	96	94	89	85	80	73	67	59	48			
T535/18	-	20	15	167	111	108	105	102	99	95	91	86	81	75	68	60	50			
T535/19	-	20	15	177	117	114	110	108	105	101	96	91	85	79	72	63	53			
T535/20	-	20	15	186	123	120	116	113	110	106	101	96	90	84	75	66	56			

DATE 07/02/2012

TECHNICAL DATA NO: FPS T-535