



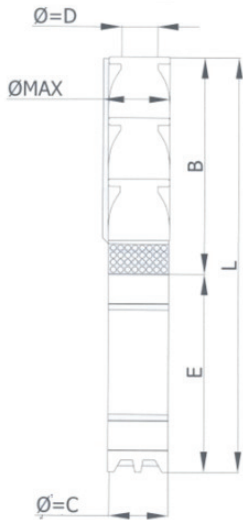
**SUBMERSIBLE BOREHOLE PUMP**

TYPICAL TECHNICAL DATA

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

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

**T 525**



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	CW = 2 - 12,5 Qmax = 36 m <sup>3</sup> /h	Best efficiency point:	Q = 16 m <sup>3</sup> H = 153 m
Maximum pump diameter (including cable guard): 123 mm		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:	106 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
T525/03	2	1.5	1071	431	640	93	3"	120	11.6	15.5	27.1
T525/04	3	2.2	1239	489	750	93	3"	120	13.9	18.8	32.7
T525/05	3	2.2	1349	489	860	93	3"	120	13.9	22.2	36
T525/06	4	3	1518	548	970	93	3"	120	17.6	25.5	43.1
T525/07	5.5	4	1698	618	1080	93	3"	120	20.9	28.9	49.8
T525/08	5.5	4	1808	618	1190	93	3"	120	20.9	32.2	53.1
T525/09	5.5	4	1918	618	1300	93	3"	120	20.9	35.6	56.5
T525/10	7.5	5.5	2098	688	1410	93	3"	120	24	38.9	62.9
T525/11	7.5	5.5	2208	688	1520	93	3"	120	24	42.3	66.3
T525/12	7.5	5.5	2318	688	1630	93	3"	120	24	45.6	69.6
T525/13	10	7.5	2508	768	1740	93	3"	120	28	49	77
T525/14	10	7.5	2618	768	1850	93	3"	120	28	52.3	80.3
T525/15	10	7.5	2728	768	1960	93	3"	120	28	55.7	83.7
T525/16	10	7.5	2838	768	2070	93	3"	120	28	59	87
T525/17	10	7.5	2948	768	2180	93	3"	120	28	62.4	90.4
T525/18	-	9.2	-	-	2290	123	3"	123	-	65.7	-
T525/19	-	9.2	-	-	2400	123	3"	123	-	69.1	-
T525/20	-	9.2	-	-	2510	123	3"	123	-	72.4	-

PUMP TYPE	MOTOR		m <sup>3</sup> /h	Head in Meters													
	4"	4"		0	12	14	16	18	20	22	24	26	28	30	32	34	36
	HP	Kw		l/sn	0.0	3.33	3.89	4.44	5.00	5.56	6.11	6.67	7.22	7.78	8.33	8.89	9.44
T525/03	2	-	-	21	16	16	15	14	14	13	12	11	10	9	8	7	6
T525/04	3	-	-	30	22	21	20	19	18	17	16	15	14	13	11	10	8
T525/05	3	-	-	37	28	26	24	23	22	21	20	19	17	16	14	12	10
T525/06	4	-	-	42	33	32	30	29	26	25	24	22	20	18	16	14	12
T525/07	5.5	-	-	48	38	36	34	32	31	29	27	25	23	22	19	17	13
T525/08	5.5	-	-	55	43	42	39	37	35	33	31	29	27	25	22	19	15
T525/09	5.5	-	-	62	49	47	44	42	40	37	35	33	30	29	24	21	17
T525/10	7.5	7.5	-	72	57	55	52	49	47	44	41	39	36	32	30	26	22
T525/11	7.5	7.5	-	79	63	60	57	54	52	48	45	43	39	35	33	29	24
T525/12	7.5	7.5	-	86	69	66	62	59	57	52	49	47	43	38	36	31	27
T525/13	10	10	-	94	74	71	67	63	61	58	54	51	46	42	40	34	29
T525/14	10	10	-	101	80	76	72	68	65	62	59	55	50	45	43	37	32
T525/15	10	10	-	108	85	82	78	73	70	67	63	59	54	48	46	39	33
T525/16	10	10	-	115	91	87	83	78	75	71	67	63	57	51	48	41	34
T525/17	10	10	-	123	97	93	88	83	79	76	71	65	59	54	49	42	35
T525/18	-	12.5	-	125	100	96	91	86	82	76	73	67	61	56	51	44	36
T525/19	-	12.5	-	130	103	99	93	88	84	79	75	70	63	58	51	44	36
T525/20	-	12.5	-	135	106	102	96	91	86	81	78	73	66	61	52	45	37

DATE 02/11/2010

TECHNICAL DATA NO: FPS T-525

