



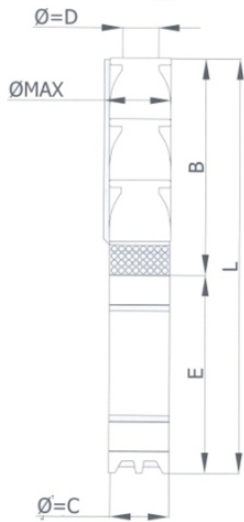
SUBMERSIBLE BOREHOLE PUMP

TYPICAL TECHNICAL DATA

BASED ON WATER DENSITY 1000 kg/m³

VISCOSITY 1.13 cst 113 mm²/s

T 520



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 = 1 - 10 Qmax = 32 m ³ /h	At the best efficiency point: Q = 20 m ³ H = 67 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: 102 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
T520/02	1	0.75	896	366	530	93	3"	120	9.7	12.1	-
T520/03	2	1.5	1071	431	640	93	3"	120	11.6	15.5	-
T520/04	3	2.2	1239	489	750	93	3"	120	13.9	18.8	-
T520/05	3	2.2	1349	489	860	93	3"	120	13.9	22.2	-
T520/06	3	2.2	1459	489	970	93	3"	120	13.9	25.5	-
T520/07	4	3	1628	548	1080	93	3"	120	17.6	28.9	-
T520/08	4	3	1738	548	1190	93	3"	120	17.6	32.2	-
T520/09	5.5	4	1918	618	1300	93	3"	120	20.9	35.6	-
T520/10	5.5	4	2028	618	1410	93	3"	120	20.9	38.9	-
T520/11	7.5	4	2138	618	1520	93	3"	120	20.9	42.3	-
T520/12	7.5	5.5	2318	688	1630	93	3"	120	24	45.6	83.1
T520/13	7.5	5.5	2428	688	1740	93	3"	120	24	49	86.5
T520/14	7.5	5.5	2538	688	1850	93	3"	120	24	52.3	89.8
T520/15	7.5	5.5	2648	688	1960	93	3"	120	24	55.7	93.2
T520/16	10	7.5	2838	768	2070	93	3"	120	28	59	100
T520/17	10	7.5	2948	768	2180	93	3"	120	28	62.4	103
T520/18	10	7.5	3058	768	2290	123	3"	123	28	65.7	107
T520/19	10	7.5	3168	768	2400	123	3"	123	28	69.1	110
T520/20	10	7.5	3278	768	2510	123	3"	123	28	72.4	113

PUMP TYPE	MOTOR		m ³ /h	0	6	8	10	12	14	16	18	20	22	24	26	28	30	32
	4"	Kw		0.0	1.67	2.22	2.78	3.33	3.89	4.44	5.0	5.56	6.11	6.67	7.22	7.78	8.33	8.9
T520/02	1	0.75	Head in Meters	12	11	11	11	10	10	9	8	8	7	6	5	4	3	2
T520/03	2	1.5		18	17	16	16	15	14	14	13	12	10	9	8	6	5	3
T520/04	3	2.2		24	23	22	21	20	19	18	17	15	14	12	10	8	6	4
T520/05	3	2.2		30	28	27	26	25	24	23	21	19	17	15	13	11	8	5
T520/06	3	2.2		36	34	33	32	30	29	27	25	23	21	18	16	13	9	6
T520/07	4	3		39	37	36	35	33	32	30	27	25	23	20	17	13	10	6
T520/08	4	3		42	40	39	38	36	34	32	30	27	24	21	18	14	10	6
T520/09	5.5	4		46	44	43	41	40	38	35	33	30	27	23	19	15	11	6
T520/10	5.5	4		51	50	48	47	45	43	40	37	34	30	26	22	18	13	7
T520/11	5.5	4		56	55	53	52	49	47	44	41	37	33	29	24	19	14	8
T520/12	7.5	5.5		63	61	59	57	55	52	49	45	42	37	33	27	22	16	10
T520/13	7.5	5.5		70	66	64	62	59	56	52	49	44	40	35	30	24	18	12
T520/14	7.5	5.5		76	71	69	66	63	60	56	52	48	43	38	32	26	20	13
T520/15	7.5	5.5		81	76	74	71	68	64	60	56	51	46	40	34	28	21	14
T520/16	10	7.5		85	80	78	75	71	68	64	59	54	49	43	36	30	22	15
T520/17	10	7.5		95	87	83	80	76	72	67	62	57	52	46	39	32	25	17
T520/18	10	7.5		100	92	88	84	80	76	71	66	61	55	48	41	34	26	18
T520/19	10	7.5		106	97	93	89	85	80	75	70	64	58	51	44	36	28	19
T520/20	10	7.5		111	102	98	94	89	84	79	73	67	61	54	46	38	29	20

DATE 07/02/2012

TECHNICAL DATA NO: FPS T-520

