



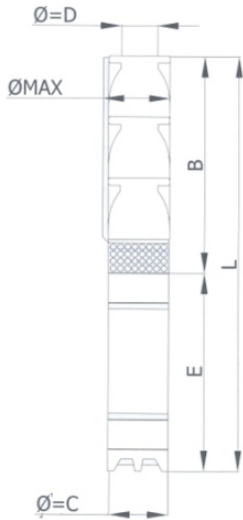
SUBMERSIBLE BOREHOLE PUMP

TYPICAL TECHNICAL DATA

BASED ON WATER DENSITY 1000 kg/m³

VISCOSITY 1.13 cst 113 mm²/s

T 10180



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 = 30 - 200 Qmax = 285 m ³ /h	Best efficiency point:	Q = 195 m ³ H = 201 m
Maximum pump diameter (including cable guard): 265 mm		Discharge diameter:	6 "
Maximum depth of application: Up to 250 m below the water level		Maximum working pressure:	25 atm
Minimum liquid level: 2000 mm from bottom of suction grid		Maximum head:	270 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)					
	8"	10"		10.8"	10.10"		8"	10"	8"	10"	Ø MAX	Ø = D	8"	10"		10.8"	10.10"
	HP	HP	Kw	L	L	B	E	E	Ø = C	Ø = C			MOTOR	MOTOR	PUMP	TOTAL	TOTAL
T10180/01Z	30	-	22	1611	-	750	861	-	195	-	265	6"	121	-	71	192	-
T10180/01X	30	-	22	1611	-	750	861	-	195	-	265	6"	121	-	71	192	-
T10180/02Z	50	-	37	2042	-	940	1102	-	195	-	265	6"	148	-	98	246	-
T10180/02X	60	-	45	2100	-	940	1160	-	195	-	265	6"	159	-	98	257	-
T10180/03Z	90	-	67	2445	-	1130	1315	-	195	-	265	6"	188	-	125	313	-
T10180/03X	90	-	67	2523	-	1130	1393	-	195	240	265	6"	203	-	125	328	-
T10180/04Z	110	-	83	2855	-	1320	1535	-	195	240	265	6"	232	-	152	384	-
T10180/04X	125	125	90	2970	2850	1320	1650	1530	195	240	265	6"	256	347	152	408	499
T10240/05Z	150	150	110	3354	3125	1510	1844	1615	195	240	265	6"	295	379	179	474	558
T10240/05X	150	150	110	3354	3125	1510	1844	1615	195	240	265	6"	295	379	179	474	558
T10180/06Z	150	150	110	3544	3315	1700	1844	1615	195	240	265	6"	295	379	206	501	585
T10180/06X	-	180	130	-	3515	1700	-	1815	-	240	265	6"	-	440	206	-	646
T10180/07Z	-	180	130	-	3705	1890	-	1815	-	240	265	6"	-	440	233	-	673
T10180/07X	-	200	150	-	3780	1890	-	1890	-	240	265	6"	-	462	233	-	695
T10180/08Z	-	200	150	-	3970	2080	-	1890	-	240	265	6"	-	462	260	-	722

PUMP TYPE	MOTOR			M ³ /h l/sn	0	90	105	120	135	150	165	180	195	210	225	240	255	270	285
	8"	10"			0.0	25.0	29.2	33.3	37.5	41.7	45.8	50	54.2	58.3	62.5	66.7	70.8	75	79.2
	HP	HP	Kw		Head in Meters														
T10180/01Z	30	-	22	38	34	33	32	31	30	29	27	25	23	21	18	15	12	9	
T10180/01X	30	-	22	40	36	35	34	33	31	30	28	27	25	23	20	18	15	12	
T10180/02Z	50	-	37	75	67	66	64	62	60	57	54	50	46	41	36	31	24	18	
T10180/02X	60	-	45	79	72	70	68	65	63	60	57	53	49	45	41	35	30	24	
T10180/03Z	90	-	67	113	101	99	97	93	90	86	81	75	69	62	54	46	37	26	
T10180/03X	90	-	67	119	109	105	102	98	94	90	85	80	74	68	61	53	45	36	
T10180/04Z	110	-	81	151	135	132	129	125	120	114	108	100	92	83	73	61	49	35	
T10180/04X	125	125	92	158	145	140	136	131	126	120	113	106	99	90	81	71	60	48	
T10240/05Z	150	150	110	188	169	165	161	156	150	143	135	125	115	104	91	77	61	44	
T10240/05X	150	150	110	198	181	176	170	164	157	150	142	133	123	113	101	89	75	60	
T10180/06Z	150	150	110	226	202	198	193	187	180	171	162	151	138	124	109	92	73	53	
T10180/06X	-	180	130	237	217	211	204	196	188	180	170	159	148	135	122	106	90	72	
T10180/07Z	-	180	130	264	236	231	225	218	210	200	188	176	161	145	127	107	86	62	
T10180/07X	-	200	150	277	253	246	238	229	220	209	198	186	173	158	142	124	105	84	
T10180/08Z	-	200	150	302	270	264	257	249	239	228	215	201	184	166	145	123	98	70	

DATE 07/02/2012

TECHNICAL DATA NO: FPS T-10180