



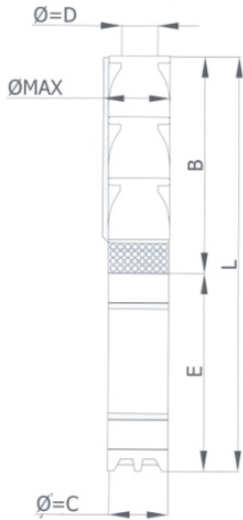
SUBMERSIBLE BOREHOLE PUMP

TYPICAL TECHNICAL DATA

BASED ON WATER DENSITY 1000 kg/m³

VISCOSITY 1.13 cst 113 mm²/s

T 8120



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 = 12,5 - 150 Qmax = 180 m ³ /h	Best efficiency point:	Q = 120 m ³ H = 190 m
Maximum pump diameter (including cable guard): 205 mm	Discharge diameter:	5 "	
Maximum depth of application: Up to 250 m below the water level	Maximum working pressure:	25 atm	
Minimum liquid level: 1200 mm from bottom of suction grid	Maximum head:	256 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)					
	6"	8"		8.6"	8.8"	8.6"	8.8"	6"	8"	6"	8"	Ø MAX	Ø = D	6"	8"	8.6"	8.8"	8.6"	8.8"
	HP	HP	Kw	L	L	B	B	E	E	Ø = C	Ø = C	Ø MAX	Ø = D	MOTOR	MOTOR	PUMP	PUMP	TOTAL	TOTAL
T8120/01	12.5	-	9.3	1276	-	545	-	731	-	145	-	200	5"	60	-	36	-	96	-
T8120/02	25	30	18.5/22	1666	1591	685	730	981	861	145	195	205	5"	88	121	47	50	135	171
T8120/03	40	40	30	2016	1945	825	870	1191	1075	145	195	205	5"	112	142	59	61	171	203
T8120/04	50	50	37	2236	2112	965	1010	1271	1102	-	195	205	5"	114	148	70	73	184	221
T8120/05	-	75	55	-	2302	-	1150	-	1152	-	195	205	5"	-	178	-	85	-	263
T8120/06	-	75	55	-	2572	-	1290	-	1282	-	195	205	5"	-	183	-	96	-	279
T8120/07	-	90	67	-	2823	-	1430	-	1393	-	195	205	5"	-	203	-	108	-	311
T8120/08	-	100	75	-	3034	-	1570	-	1464	-	195	205	5"	-	217	-	119	-	336
T8120/09	-	110	83	-	3245	-	1710	-	1535	-	195	205	5"	-	232	-	131	-	363
T8120/10	-	125	90	-	3500	-	1850	-	1650	-	195	205	5"	-	256	-	143	-	399
T8120/11	-	150	110	-	3834	-	1990	-	1844	-	195	205	5"	-	295	-	154	-	449
T8120/12	-	150	110	-	3974	-	2130	-	1844	-	195	205	5"	-	295	-	166	-	461

PUMP TYPE	MOTOR			m ³ /h	0	72	75	84	90	96	105	120	135	150	165	180	
	6"	8"															
	HP	HP	Kw		l/sn	0.0	20.0	20.8	23.3	25.0	26.6	29.1	33.3	37.5	41.6	45.8	50.0
T8120/01	12.5	-	9.3	Head in Meters	27	23	22	22	21	20	19	18	16	14	10	5	
T8120/02	25	30	18.5/22		54	45	45	43	42	41	40	36	33	28	21	11	
T8120/03	40	40	30		83	70	69	67	65	64	62	56	51	44	32	18	
T8120/04	50	50	37		109	92	91	87	85	83	80	73	66	56	41	23	
T8120/05	-	75	55		133	114	112	107	105	102	97	89	79	67	50	28	
T8120/06	-	75	55		160	135	133	128	126	122	118	108	96	81	62	38	
T8120/07	-	90	67		188	157	154	150	147	143	139	128	112	96	75	51	
T8120/08	-	100	75		215	182	178	173	169	164	157	142	123	108	85	58	
T8120/09	-	110	83		233	201	197	194	191	185	178	160	139	126	100	74	
T8120/10	-	125	90		256	220	218	213	208	203	194	174	151	131	104	77	
T8120/11	-	150	110		277	239	238	231	226	221	209	188	163	135	110	82	
T8120/12	-	150	110		291	256	250	243	237	232	218	195	169	147	115	85	

DATE 07/02/2012

TECHNICAL DATA NO: FPS T-8120