



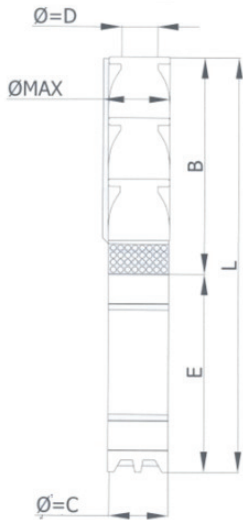
**SUBMERSIBLE BOREHOLE PUMP**

TYPICAL TECHNICAL DATA

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

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

**T 8240**



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 = 17,5 - 150 Qmax = 289 m <sup>3</sup> /h
Best efficiency point:	Q = 240 m <sup>3</sup> H = 117 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: 151 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"		6"	8"	6"	8"		6"	8"		8.6"	8.8"	
	HP	HP	Kw	L	L	B	E	E	Ø = C	Ø = C	Ø MAX	Ø = D	MOTOR	MOTOR	PUMP	TOTAL	TOTAL
T8240/01z	17.5	-	13	1551	-	720	831	-	145	-	200	5"	67	-	46	113	-
T8240/01x	25	-	18.5	1701	-	720	981	-	145	-	200	5"	88	-	46.5	135	-
T8240/02z	30	30	22	1936	1766	905	1031	861	145	195	205	5"	93	121	60	153	181
T8240/02x	40	40	30	2096	1980	905	1191	1075	145	195	205	5"	112	142	61	173	203
T8240/03z	50	50	37	2361	2192	1090	1271	1102	145	195	205	5"	114	148	74	188	222
T8240/03x	60	60	45	2361	2250	1090	1271	1160	145	195	205	5"	114	159	75.5	190	235
T8240/04z	60	60	45	2546	2435	1275	1271	1160	145	195	205	5"	114	159	90	204	249
T8240/04x	-	80	59	-	2590	1275	-	1315	-	195	205	5"	-	188	90	-	278
T8240/05z	-	75	55	-	2742	1460	-	1282	-	195	205	5"	-	183	105	-	288
T8240/06z	-	100	75	-	3109	1645	-	1464	-	195	205	5"	-	217	119	-	336
T8240/05x	-	110	81	-	2995	1460	-	1535	-	195	205	5"	-	232	105	-	337
T8240/07z	-	110	81	-	3365	1830	-	1535	-	195	205	5"	-	232	130	-	362
T8240/06x	-	125	92	-	3295	1645	-	1650	-	195	205	5"	-	256	119	-	375
T8240/08z	-	125	92	-	3665	2015	-	1650	-	195	205	5"	-	256	144.5	-	401
T8240/07x	-	150	110	-	3674	1830	-	1844	-	195	205	5"	-	295	130	-	425
T8240/09z	-	150	110	-	4044	2200	-	1844	-	195	205	5"	-	295	159	-	454
T8240/10z	-	150	110	-	4229	2385	-	1844	-	195	205	5"	-	295	174	-	469

PUMP TYPE	MOTOR			m <sup>3</sup> /h	Head in Meters																	
	6"	8"			0	140	150	160	170	180	190	200	210	220	230	240	250	257	266	274	282	289
	HP	HP	kW		l/sn	0.0	38.9	41.7	44.4	47.2	50.0	52.8	55.6	58.3	61.1	63.9	66.7	69.4	71.5	73.8	76.1	78.2
T8240/01z	17.5	-	13	23	16	16	15	15	14	14	13	13	12	11	10	9	7	6	4	3	1	
T8240/01x	25	-	18.5	31	23	23	22	21	22	21	22	21	21	19	19	17	15	14	11	9	6	
T8240/02z	30	30	22	46	31	31	31	30	30	29	28	27	26	24	21	18	16	13	9	5	2	
T8240/02x	40	40	30	58	39	39	38	38	38	38	39	37	37	36	34	30	28	24	19	15	10	
T8240/03z	50	50	37	67	44	44	45	44	44	43	41	39	37	35	31	27	23	19	14	8	3	
T8240/03x	60	60	45	85	57	57	55	55	54	55	55	54	53	51	49	45	41	36	30	24	16	
T8240/04z	60	60	45	88	60	59	59	58	57	56	54	51	48	45	40	34	30	24	17	11	4	
T8240/04x	-	80	59	109	74	73	72	71	71	71	70	69	68	65	62	57	53	46	39	31	23	
T8240/05z	-	75	55	111	76	74	73	73	71	69	67	65	61	56	51	45	39	32	24	16	8	
T8240/06z	-	100	75	136	93	92	89	88	86	83	81	79	74	69	63	54	49	41	32	24	14	
T8240/05x	-	110	81	136	93	91	90	89	89	88	87	84	81	77	72	67	59	51	44	33		
T8240/07z	-	110	81	156	107	105	104	102	100	98	95	92	87	82	75	66	59	49	39	27	16	
T8240/06x	-	125	92	162	110	108	106	105	104	103	102	101	98	95	90	84	78	71	62	52	42	
T8240/08z	-	125	92	178	123	121	118	116	114	111	107	103	98	91	84	74	66	55	44	32	19	
T8240/07x	-	150	110	186	127	123	122	121	118	117	116	115	111	106	101	95	87	78	70	59	47	
T8240/09z	-	150	110	198	137	135	133	132	131	129	123	118	114	107	99	87	79	66	51	36	21	
T8240/10z	-	150	110	219	151	149	149	149	149	147	139	133	131	125	117	101	93	78	59	41	23	

DATE 02/11/2010

TECHNICAL DATA NO: FPS T-8240

