



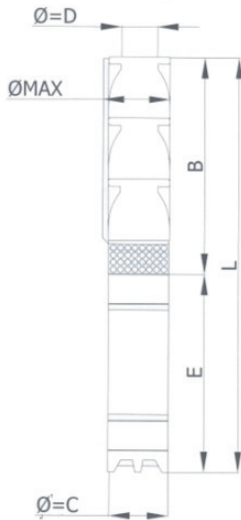
SUBMERSIBLE BOREHOLE PUMP

TYPICAL TECHNICAL DATA

BASED ON WATER DENSITY 1000 kg/m³

VISCOSITY 1.13 cst 113 mm²/s

T 10240



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 = 40 - 200 Qmax = 360 m ³ /h	Best efficiency point:	Q = 240 m ³ H = 165 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:	194 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	
T10240/01z	40	-	37	1825	-	750	1075	-	195	-	265	6"	142	-	71	213	-	
T10240/01x	50	-	45	1852	-	750	1102	-	195	-	265	6"	148	-	71	219	-	
T10240/02z	80	-	59	2255	-	940	1315	-	195	-	265	6"	188	-	98	286	-	
T10240/02x	90	-	66	2333	-	940	1393	-	195	-	265	6"	203	-	98	301	-	
T10240/03z	110	-	81	2665	-	1130	1535	-	195	-	265	6"	232	-	125	357	-	
T10240/03x	125	125	92	2780	2660	1130	1650	1530	195	240	265	6"	256	347	125	381	472	
T10240/04z	150	150	110	3164	2935	1320	1844	1615	195	240	265	6"	295	379	152	447	531	
T10240/04x	-	180	132	-	3135	1320	-	1815	-	240	265	6"	-	440	152	-	592	
T10240/05z	-	180	132	-	3325	1510	-	1815	-	240	265	6"	-	440	179	-	619	
T10240/05x	-	200	147	-	3400	1510	-	1890	-	240	265	6"	-	462	179	-	641	

PUMP TYPE	MOTOR			m ³ /h	Head in Meters															
	8"	10"			0	150	165	180	195	210	225	240	255	270	285	300	315	330	345	360
	HP	HP	Kw		l/sn	0.0	41.7	45.8	50.0	54.2	58.3	62.5	66.7	70.8	75.0	79.2	83.3	87.5	91.7	95.8
T10240/01z	40	-	37		41	35	35	34	33	32	31	30	28	27	25	23	21	19	17	15
T10240/01x	50	-	45		44	39	38	37	36	35	34	33	32	30	29	27	25	23	21	19
T10240/02z	80	-	59		82	71	69	68	66	64	61	59	56	53	50	47	43	39	34	30
T10240/02x	90	-	66		88	77	76	74	72	71	68	66	63	61	57	54	51	47	42	38
T10240/03z	110	-	81		123	106	104	101	99	96	92	89	84	80	75	70	64	58	51	44
T10240/03x	125	125	92		133	116	114	111	109	106	102	99	95	91	86	81	76	70	64	57
T10240/04z	150	150	110		164	141	138	135	131	127	123	118	113	107	100	93	86	77	69	59
T10240/04x	-	180	132		177	155	152	149	145	141	137	132	127	121	115	108	101	93	85	76
T10240/05z	-	180	132		205	176	173	169	164	159	154	148	141	133	125	117	107	97	86	74
T10240/05x	-	200	147		221	194	190	186	181	176	171	165	158	151	144	135	126	117	106	95

DATE 02/11/2010

TECHNICAL DATA NO: FPS T-10240