



PERFORMANCE FOR  **TURNER** PUMPSETS

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6" Submersible Pumpset

Suitable for 6" (150 mm) Borewell
 Pumpsets Maximum Outer Dia 140 mm

Delivery Size 2" (50 mm)

Pump Type / Stage	H.P.	Discharge in L.P.M.	0	40	55	85	120
MT 38 / 7	2	TOTAL HEAD IN METRES	65	62	59	50	30
MT 38 / 10	3		92	88	84	71	42
MT 38 / 12	4		112	107	101	87	53
MT 38 / 16	5		148	140	135	115	67
MT 38 / 20	6		185	175	166	142	83
Pump Type / Stage	H.P.	Discharge in L.P.M.	0	75	90	130	150
MT 39 / 5	2	TOTAL HEAD IN METRES	50	46	44	39	31
MT 39 / 8	3		80	74	70	62	50
MT 39 / 10	4		100	92	88	78	62
MT 39 / 12	5		120	110	106	94	74
MT 39 / 15	6		150	138	132	117	93
MT 39 / 18	7.5		180	165	156	140	112
Pump Type / Stage	H.P.	Discharge in L.P.M.	85	125	170	210	230
MT 40 / 6	3	TOTAL HEAD IN METRES	58	55	50	45	35
MT 40 / 8	4		78	72	66	56	50
MT 40 / 10	5		97	90	82	70	62
MT 40 / 12	6		117	108	99	84	75
MT 40 / 15	7.5		146	135	124	105	94
MT 40 / 20	10		195	180	165	140	125
MT 40 / 25	12.5		243	225	206	175	155
MT 40 / 30	15		293	270	247	210	187

Note : The above performances are based on power supply of 415V, 50Hz, Three phase and Pump Speed 2880 RPM.



6" Submersible Pumpset

Suitable for 6" (150 mm) Borewell
Pumpsets Maximum Outer Dia 140 mm

Delivery Size 2" (50 mm)

Pump Type / Stage	H.P.	Discharge in L.P.M.	0	110	180	200	275	
MT 41 / 5	3	TOTAL HEAD	50	48	43	40	35	
MT41 / 6	4		60	58	51	48	42	
MT 41 / 8	5		80	78	68	64	56	
MT 41 / 10	6		100	96	86	80	70	
MT 41 / 12	7.5		120	116	104	96	86	
MT 41 / 14	10		IN METRES	140	136	124	112	100
MT 41 / 18	12.5			180	176	155	144	126
MT 41 / 24	15			240	230	206	192	168
Pump Type / Stage	H.P.	Discharge in L.P.M.	0	200	250	300	350	
MT 42 / 3	3	TOTAL HEAD	33	30	28	25	23	
MT 42 / 4	4		44	40	37	33	31	
MT 42 / 5	5		55	50	46	41	38	
MT 42 / 6	6		66	60	56	48	46	
MT 42 / 8	7.5		IN METRES	88	80	75	66	62
MT 42 / 10	10			110	100	94	82	76
MT 42 / 12	12.5			130	120	112	98	93
MT 42 / 15	15			160	150	138	124	116
Pump Type / Stage	H.P.	Discharge in L.P.M.	140	200	240	270	310	
MT 43/5	4	TOTAL HEAD	47	41	36	30	25	
MT 43/6	5		56	50	43	36	30	
MT 43/8	6		75	66	58	48	40	
MT 43/10	7.5		93	82	72	60	50	
MT 43/12	10		IN METRES	112	100	86	72	60
MT 43/15	12.5			140	125	108	90	75
MT 43/18	15			170	150	130	108	90

Note : The above performances are based on power supply of 415V, 50Hz, Three phase and Pump Speed 2880 RPM.



DOMESTIC MONOBLOCK PUMPSETS

Item / Description	HP	Pipe Size	HEAD IN METRES / FEET											
			Discharge in litres per hour											
		mm	3	6	9	12	15	18	24	30	34	38	44	
Little Master (Selfpriming)	0.25	20 x 20	1800	1560	1330	1150	850	730						
Little Master (Selfpriming)	0.5	25 x 25	2560	2400	2100	1800	1680	1400	1200	900				
Mini (Non Self Priming)	0.5	25 x 25	2952	2400	2100	1800	1680	1440	1200	900				
Big Flow (Self Priming)	0.5	25 x 25	2952	2700	2664	2160	1800	1620	1386					
High Flow (Self Priming)	1.0	25 x 25	2700	2700	2700	2540	2400	2172	2000	1800	1512	1330	720	
Mini Self Priming	0.5	25 x 25	1800	1620	1450	1270	1120	980	750	500	240	0		

The above performance are based on power supply voltage 220V-1Ph.50 Hz & Pump Speed 2880 RPM.

6" SUBMERSIBLE VERTICAL MONOBLOCKS

Model Name : PRINCE
 Delivery Size : (40 mm)
 Single/Three Phase Models

HP/STAGE	TOTAL HEAD IN METRES						
	10	20	30	35	40	50	55
1.0 / 4	Discharge (lpm)						
	180	135	100	70			
1.5 / 6	170	155	125	110	100	40	
2.0 / 8	160	150	135	120	110	75	60

Note : The above performances are based on power supply of 415V, 50Hz, Three phase and 220V,50Hz, Single Phase and Pump Speed 2880 RPM.

OPENWELL SUBMERSIBLE MONOBLOCKS

Type	H.P.	Del. size in mm	TOTAL HEAD IN METRES							
			5	10	15	22	23	28	32	33.5
			Discharge (lpm)							
TOM 100	0.5	25	165	136	110	35	0			
TOM 100	1.0	25	185	176	164	133	125	81	25	0

Note : The above performances are based on power supply voltage 220 V-1 Ph.50Hz and pumpspeed2880rpm

6" Submersible Pumpset

Suitable for 6" (150 mm) Borewell
 Pumpsets Maximum Outer Dia 140 mm
 Delivery Size 2½ to 3" (65 mm & 75mm)

Pump Type / Stage	H.P.	Discharge in L.P.M.	0	250	300	400	500	600
E 39 / 3	4	TOTAL HEAD IN METRES	29	26	24	21	17	13
E 39 / 4	5		39	35	32	28	23	17
E 39 / 5	6		48	43	40	35	28	22
E 39 / 6	7.5		58	52	48	42	34	26
E 39 / 7	8.5		68	62	56	50	40	30
E 39 / 8	10		78	70	64	56	46	34
E 39 / 10	12.5		96	86	80	70	56	44
E 39 / 12	15		116	104	96	84	67	52

Pump Type / Stage	H.P.	Discharge in L.P.M.	0	325	425	525	650	700
E 40 / 3	5	TOTAL HEAD IN METRES	30	29	25	22	19	17
E 40 / 4	6		40	38	34	30	26	22
E 40 / 5	7.5		50	48	43	38	33	28
E 40 / 6	8.5		60	56	51	45	40	33
E 40 / 7	10		70	67	60	53	46	39
E 40 / 8	12.5		80	76	68	60	52	44
E 40 / 10	15		100	96	86	76	66	56

Pump Type / Stage	H.P.	Discharge in L.P.M.	0	570	700	800	950	1000	1100
E 41/2	5	TOTAL HEAD IN METRES	20	18	17	15	12	11	8
E 41/3	6		30	27	20	18	14	12	10
E 41/4	8.5		40	36	34	20	24	22	16
E 41/5	10		50	45	42	37	30	27	20
E 41/6	12.5		60	54	51	45	36	33	24
E 41/7	15		70	63	60	53	42	37	30

Pump Type / Stage	H.P.	Discharge in L.P.M.	0	600	700	800	900	1000	1200
E 42/1	4	TOTAL HEAD IN METRES	11	9	7				
E 42/2	6		20	18	17	16	15	14	13
E 42/3	10		30	28	26	24	22	20	18
E 42/4	12.5		40	37	34	31	28	25	22
E 42/5	15		50	48	46	44	42	40	36

Note : The above performances are based on power supply of 415V, 50Hz, Three phase and Pump Speed 2880 RPM.

Type	H.P	Stage	Phase	Pipe size	Total Head in metres																		
					15	30	46	53	61	69	76	84	91	99	107	114	122	130	137	145	152	168	183
					Discharge in litres per minute																		
TSP 1/17	0.5	17	1	25	40	37	29	25	22	16	9	0											
TSP 1/21	1.0	21	1	25	40	32	29	28	25	23	20	13											
TSP 2/11	0.5	11	1	25	52	50	33	25	0														
TSP 2/16	1.0	16	1	25	52	50	43	40	35	28	0												
TSP 2/24	1.5	24	1	25	52	49	47	45	44	41	39	37	34	30	0								
TSP 2/30	2.0	30	1	25	52	50	48	47	46	45	44	43	40	39	36	34	30	25	16				
TSP 4/12	1.0	12	1	32	92	81	52	43	22	0													
TSP 4/18	1.5	18	1	32	93	86	79	73	59	52	44	32	22	0									
TSP 4/24	2.0	24	1	32	93	90	83	81	79	72	64	59	52	45	38	31	21	0					
TSP 7/7	1.0	7	1	40	144	102																	
TSP 7/9	1.5	9	1	40	172	112	72	0															
TSP 7/12	2.0	12	1	40	186	148	116	102	82	0													
TSP 18/6	2.0	6	1	50	280	102	0																
TTP 4/12	1.0	12	3	32	93	83	54	47	23	0													
TTP 4/18	1.5	18	3	32	93	87	82	75	61	53	47	33	24										
TTP 4/24	2.0	24	3	32	94	91	85	82	79	74	65	61	54	48	41	33	24	0					
TTP 4/36	3.0	36	3	32	94	92	90	87	84	82	81	81	80	78	70	67	62	58	55	53	49	38	24
TTP 7/9	1.5	9	3	40	174	115	76	0															
TTP 7/12	2.0	12	3	40	186	151	118	105	85														
TTP 7/18	3.0	18	3	40	186	182	149	132	121	116	108	97	86										
TTP 7/30	5.0	30	3	40	189	184	182	178	171	162	150	139	130	122	118	112	108	104	98	90	87		
TTP 18/6	2.0	6	3	50	282	112																	
TTP 18/10	3.0	10	3	50	348	240	144	95															
TTP 18/16	5.0	16	3	50	382	320	252	214	178	153	136	105											

Note : The above performances are based on a mean supply voltage of 220-1ph/415V-3ph and Pump Speed 2880 RPM.


OPENWELL SUBMERSIBLE MONOBLOCKS

Type	H.P	Del. size in mm	Total Head in metres																							
			8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50		
			Discharge in litres per minute																							
TSOM35	3	50	11.4	11.0	10.2	8.8	6.9	5.7	4.0																	
TSOM55	5	50	12.4	12.1	11.7	11.4	11.0	10.7	10.2	9.6	8.8	7.9	7.0	5.8	4.4											
TSOM56	5	65	19.8	18.9	18.0	16.9	15.7	14.5	13.1	11.5	9.2															
TSOM57	5	75	22.7	21.6	20.1	18.4	16.7	14.6	11.9	8.0																
TSOM75	7.5	50					14.9	14.6	14.3	13.8	13.4	13.0	12.0	11.4	10.6	9.6	8.5	7.3	6.0							
TSOM76	7.5	65					20.4	19.8	19.2	18.6	14.9	17.2	16.5	16.6	14.8	13.9	12.5	11.8	10.5	8.6						
TSOM77	7.5	75					28.8	26.8	24.8	22.5	20.0	17.3	13.5													
TSOM105	10	50													19.6	19.2	18.8	18.2	17.5	16.7	15.6	14.8	13.7	12.2	10.8	8.9
TSOM106	10	65					24.8	23.9	23.5	22.5	21.5	20.7	19.8	18.9	18.0	16.9	15.7	14.5	12.8	10.9	8.0					
TSOM107	10	75													28.8	27.3	25.6	23.8	22.3	20.4	18.0	14.8				

Note : The above performances are based on power supply of 415V, 50Hz, Three phase and Pump Speed 2880 RPM.