

PRODUCT FEATURES



- Easy to install, ensuring quick and convenient setup.
- Engineered for enhanced efficiency, with the prime mover and pump integrally mounted on a single shaft for optimal performance.
- The multistage vertical openwell submersible monoblock can be installed at the bottom of the well, eliminating the need for a suction pipe and simplifying the system.
- Dynamically balanced rotors and impellers ensure smooth, vibration-free operation, resulting in improved performance and extended service life.
- Water can also be drawn from a borewell located at the bottom of the openwell by inserting a suction pipe into the borewell and providing a cooling tank arrangement to keep the monoblock continuously submerged, ensuring reliable and efficient operation.

TECHNICAL DATA



• Power (H.P.)	: Single Phase	0.5 HP 3.0 HP
	: Three Phase	3.0 HP 30 HP
• Versions	: Single Phase	240 volts +6% -15% 50 Hz DUTY S1
	: Three Phase	415 volts +6% -15% 50 Hz DUTY S1
• Speed (N)	: 2880 RPM	
• Discharge Range (LPM)	: Single Phase	20 LPM 650 LPM
	: Three Phase	300 LPM 2500 LPM
• Head Range (Mtrs.)	: Single Phase	5 - 35 Mtrs
	: Three Phase	20 - 70 Mtrs
• Pipe Size (MM)	: 50 X 40, 65 X 50, 75 X 65, 75 X 75, 100 X 75, 100 x 100	

APPLICATIONS



- Irrigation
- Industrial water supply
- Drinking water supply
- Cooling water circulating systems



"TECHNO" BRAND VERTICAL MULTISTAGE OPENWELL SUBMERSIBLE PUMPSETS

Approximate Performance Chart at 2880 RPM, 380-415 Volts Three Phase, 50Hz, A.C. Supply

MOTOR : COPPER ROTOR · PUMP : MULTISTAGE BOWL - CAST IRON · IMPELLER - CAST IRON WITH SS BODY

MODEL	DELIVERY SIZE IN MM	KW	HP	STAGE		DISCHARGE IN LPM							
						625	560	520	460	425	365	280	0
TVOW 1.5/2	65	2.20	3.00	2	HEAD IN METER	20	22	24	26	28	30	32	36
TVOW 1.5/3	50	3.70	5.00	3		24	26	28	32	38	44	48	56
TVOW 1.5/6	50	7.50	10.00	6		32	46	58	72	84	98	106	124

MODEL	DELIVERY SIZE IN MM	KW	HP	STAGE		DISCHARGE IN LPM							
						625	560	520	460	425	365	280	0
TVOW 2/4	50	5.50	7.50	4	HEAD IN METER	32	36	44	56	60	64	72	80
TVOW 2/6	50	9.30	12.50	6		48	54	66	72	76	88	98	120
TVOW 2/8	50	11.00	15.00	8		54	62	70	92	100	120	142	162

MODEL	DELIVERY SIZE IN MM	KW	HP	STAGE		DISCHARGE IN LPM							
						750	650	600	560	510	420	300	0
TVOW 2.5/2	65	3.70	5.00	2	HEAD IN METER	6	12	16	22	28	34	38	42
TVOW 2.5/3	65	5.50	7.50	3		18	36	42	46	52	60	64	68
TVOW 2.5/4	65	7.50	10.00	4		28	44	54	60	68	76	80	82
TVOW 2.5/6	50	11.00	15.00	6		45	62	74	86	98	114	120	126
TVOW 2.5/8	50	15.00	20.00	8		48	76	98	114	128	146	160	166
TVOW 2.5/10	75	18.50	25.00	10		62	94	124	144	164	192	206	224

MODEL	DELIVERY SIZE IN MM	KW	HP	STAGE		DISCHARGE IN LPM							
						750	650	600	560	510	420	310	0
TVOW 3/1	75	2.20	3.00	1	HEAD IN METER	4	10	12	14	16	20	22	24
TVOW 3/2	65	4.50	6.00	2		12	20	24	28	34	40	42	48
TVOW 3/3	75	7.50	10.00	3		24	36	42	48	52	56	60	72
TVOW 3/4	75	9.30	12.50	4		32	44	50	58	64	72	76	84
TVOW 3/6	65	15.00	20.00	6		42	56	68	80	92	116	128	134
TVOW 3/8	75	18.50	25.00	8		54	78	96	114	126	150	158	168
TVOW 3/10	75	22.00	30.00	10		64	96	116	136	156	196	216	234

MODEL	DELIVERY SIZE IN MM	KW	HP	STAGE		DISCHARGE IN LPM							
						850	750	650	550	450	400	300	0
TVOW 3.5/8	75	22.00	30.00	8	HEAD IN METER	48	80	120	144	168	176	192	202
TVOW 3.5/10	75	26.00	35.00	10		54	84	130	170	200	215	235	250

MODEL	DELIVERY SIZE IN MM	KW	HP	STAGE		DISCHARGE IN LPM							
						850	750	650	550	450	400	300	0
TVOW 4/2	65	5.50	7.50	2	HEAD IN METER	16	22	32	39	44	46	48	52
TVOW 4/3	75	9.30	12.50	3		20	30	43	52	58	60	62	72
TVOW 4/4	75	11.00	15.00	4		34	46	62	74	86	90	94	100
TVOW 4/6	75	18.50	25.00	6		52	72	86	104	118	130	142	150
TVOW 4/8	75	26.00	35.00	8		60	80	110	132	154	164	184	192
TVOW 4/10	75	30.00	40.00	10		68	96	136	166	192	202	218	245

MODEL	DELIVERY SIZE IN MM	KW	HP	STAGE		DISCHARGE IN LPM							
						925	820	710	615	525	415	310	0
TVOW 5/1	75	3.70	5.00	1	HEAD IN METER	4	8	12	16	20	22	24	26
TVOW 5/2	75	7.50	10.00	2		16	26	34	40	46	48	50	52
TVOW 5/3	75	11.00	15.00	3		28	38	50	58	62	66	68	72
TVOW 5/4	75	15.00	20.00	4		36	52	64	78	88	94	98	102
TVOW 5/6	75	22.00	30.00	6		68	86	100	108	116	124	132	144
TVOW 5/8	75	30.00	40.00	8		72	96	126	154	176	184	190	196
TVOW 5/10	75	37.00	50.00	10		90	124	158	194	218	236	246	256

"TECHNO" BRAND VERTICAL MULTISTAGE OPENWELL SUBMERSIBLE PUMPSETS

Approximate Performance Chart at 2880 RPM, 380-415 Volts Three Phase, 50Hz, A.C. Supply

MOTOR : COPPER ROTOR • PUMP : MULTISTAGE BOWL - CAST IRON • IMPELLER - STAINLESS STEEL WITH SS BODY

MODEL	DELIVERY SIZE IN MM	KW	HP	STAGE	HEAD IN METER	DISCHARGE IN LPM						
						1880	1500	1320	1200	1000	450	0
TV80W 5/2	75	7.50	10.00	2		7	20	25	30	34	38	42
TV80W 5/3	75	11.00	15.00	3		10	30	37	45	50	56	63

MODEL	DELIVERY SIZE IN MM	KW	HP	STAGE	H (M)	DISCHARGE IN LPM						
						1900	1550	1380	1260	1075	520	0
TV80W 6/2	75	9.30	12.50	2		7	20	25	30	34	40	45

MODEL	DELIVERY SIZE IN MM	KW	HP	STAGE	HEAD IN METER	DISCHARGE IN LPM						
						2110	1880	1620	1400	1200	900	0
TV80W 7.5/2	75	11.00	15.00	2		20	26	30	35	38	42	50
TV80W 7.5/2	75	15.00	20.00	3		30	39	45	51	56	62	75

MODEL	DELIVERY SIZE IN MM	KW	HP	STAGE	HEAD IN METER	DISCHARGE IN LPM						
						2220	1950	1800	1600	1400	960	0
TV80W 10/2	75	15.00	20.00	2		23	28	32	35	39	44	53
TV80W 10/3	75	22.00	30.00	3		28	42	49	53	60	68	80