

VBTM Series – Detailed Technical Specifications

Mix Flow Type 6" Borewell Submersible Pumps (Cu Brazed Rotor + SS Moulded Impeller)

Mixed Flow Type 6" Borewell Submersible		Capacity		Pipe Size	Rated Current	Panel Suggested	Performance Chart											
Series 1	Stage	HP	kW	(mm)	(A)		Discharge in LPM											
							660	600	570	540	480	420	390	300	240	180	0	
VBTM 0505 rt.	5	5	3.7	65	10	D.O.L.	18	23	25	28	31	34			42	43	49	
VBTM 0606 II.	6	6	4.5	65	12	D.O.L.	21	27	30	33	38	42	45	50	52	54	60	
VBTM 7508 II.	8	7.5	5.5	65	14.5	D.O.L.	28	36	40	44	50	56	60	66	69	72	80	
VBTMD 7508	8	7.5	5.5	65	14.5	Star-Delta	28	36	40	44	50	56	60	66	69	72	80	
VBTM 10010 rl	10	10	7.5	65	19	Star-Delta	35	45	50	55	62	70	75	83	86	90	100	
VBTM 12512 =	12	12.5	9.3	65	25	Star-Delta	42	54	60	66	74	84	90	100	103	108	120	
VBTM 15015 =	15	15	11	65	29	Star-Delta	53	68	75	83	93	105	113	125	129	135	150	
VBTM 17518 zt	18	17.5	13	65	34	Star-Delta	63	81	90	99	112	126	135	149	155	162	180	
VBTM 20020 =	20	20	15	65	39	Star-Delta	70	90	100	110	124	140	150	166	172	180	200	
Series 2							Discharge in LPM											
							780	720	690	660	600	540	480	420	360	300	0	
VBTM 0504 II♦	4	5	3.7	65	10	D.O.L.	14	17	20	22	26	28	30	32	34	36	41	
VBTMP 0504 ♦	4	5	3.7	75	10	D.O.L.	14	17	20	22	26	28	30	32	34	36	41	
VBTM 0605 rt.	5	6	4.5	65	12	D.O.L.	18	21	25	28	32	35	38	40	42	45	51	
VBTM 7506 tx♦	6	7.5	5.5	65	14.5	D.O.L.	21	25	30	33	39	42	45	48	51	54	61	
VBTMD 7506	6	7.5	5.5	65	14.5	Star-Delta	21	25	30	33	39	42	45	48	51	54	61	
VBTM 10008 =	8	10	7.5	65	19	Star-Delta	28	34	40	44	52	56	60	64	68	72	81	
VBTM 12510 tt	10	12.5	9.3	65	25	Star-Delta	35	42	50	55	65	70	75	80	85	90	102	
VBTM 15012 =	12	15	11	65	29	Star-Delta	42	50	60	66	78	84	90	96	103	108	122	
VBTM 17514 rc	14	17.5	13	65	34	Star-Delta	49	59	70	77	91	98	105	112	119	126	142	
VBTM 20016 zt	16	20	15	65	39	Star-Delta	56	67	80	88	104	112	120	128	136	144	163	
VBTM 25020	20	25	18.7	65	45	Star-Delta	70	84	100	110	130	140	150	160	170	180	204	

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Mixed Flow Type 6" Borewell Submersible		Capacity		Pipe Size	Rated Current	Panel Suggested	Performance Chart											
Series 3	Stage	HP	kW	(mm)	(A)		Discharge in LPM											
							960	900	840	780	720	660	600	540	420	300	0	
VBTM 0503	3	5	3.7	75	10	D.O.L.	11	14	16	18	20	22	24	26	27	29	32	
VBTM 0604	4	6	4.5	75	12	D.O.L.	14	18	21	24	27	30	32	34	36	38	42	
VBTM 7505	5	7.5	5.5	75	14.5	D.O.L.	18	23	27	30	33	38	40	43	45	48	53	
VBTMD	5	7.5	5.5	75	14.5	Star-Delta	18	23	27	30	33	38	40	43	45	48	53	
VBTM 10006	6	10	7.5	75	19	Star-Delta	22	28	32	36	40	45	48	52	54	58	64	
VBTM 12508	8	12.5	9.3	75	25	Star-Delta	28	36	42	48	54	60	64	68	72	76	84	
VBTM 15010	10	15	11	75	29	Star-Delta	36	46	54	60	66	75	80	86	90	96	106	
VBTM 17512	12	17.5	13	75	34	Star-Delta	43	55	65	72	79	90	96	103	108	115	126	
VBTM 20014	14	20	15	75	39	Star-Delta	50	64	76	84	92	105	112	120	126	134	148	
VBTM 25016	16	25	18.7	75	45	Star-Delta	56	72	84	96	108	120	128	136	144	152	168	
VBTM 25018	18	25	18.7	75	45	Star-Delta	55	64	81	90	108	117	126	135	153	162	182	
Series							Discharge in LPAI											
							1200	1140	1110	1080	1020	960	900	780	660	330	0	



The name you can trust

VBTM 0603	3	6	4.5	75	12	D.O.L.	Head in Meter	12	13	15	16	18	19	21	23	24	28	32
VBTM 7504	4	7.5	5.5	75	14.5	D.O.L.		16	17	20	21	24	25	28	30	32	37	42
VBTMD	4	7.5	5.5	75	14.5	Star-Delta		16	17	20	21	24	25	28	30	32	37	42
VBTM 10005	5	10	7.5	75	19	Star-Delta		20	22	25	27	30	32	35	38	40	46	53
VBTM 12506	6	12.5	9.3	75	25	Star-Delta		24	26	30	32	36	38	42	45	48	55	63
VBTM 15007	7	15	11	75	29	Star-Delta		28	30	35	37	42	44	49	52	56	65	74
VBTM 15008	8	15	11	75	29	Star-Delta		32	34	40	42	48	50	56	60	64	74	84
VBTM 17509	9	17.5	13	75	34	Star-Delta		36	39	45	48	54	57	63	68	72	83	95
VBTM 20010	10	20	15	75	39	Star-Delta		40	43	50	53	60	63	70	75	80	93	106
VBTM 30016	16	30	22	75	55	Star-Delta		64	68	80	84	96	100	112	120	128	148	168
Series							Head in Meter	Discharge in LPM										
								1260	1200	1170	1050	930	810	600	450	360	300	0
VBTM 10004	4	10	7.5	75	19	Star-Delta		18	21	24	27	30	33	36	39	41	42	50
VBTM 15006	6	15	11	75	29	Star-Delta	27	31	36	40	45	49	54	58	61	63	75	
VBTM 15005	7	17.5	13	75	34	Star-Delta	31	36	42	47	52	57	63	68	73	74	87	
Series							Head in Meter	Discharge in LPM										
								1290	1230	1140	990	870	810	630	510	330	300	0
VBTM 12504	3	10	7.5	100	19	Star-Delta		15	18	21	24	26	28			34	35	38
VBTM 15005	4	12.5	9.3	100	25	Star-Delta		20	24	28	32	34	37			45	46	50
VBTM 15005	5	15	11	100	29	Star-Delta		25	30	35	40	43	46			56	57	63

The performance data & technical Specifications given in this brochure are based on our lab tests conducted at standard conditions & rated voltage of 415V, 50Hz. supply and are likely to change with various field conditions. Friction and flow losses in pipe fittings have not been calculated.

♦ - Models are also available with Low voltage band (150 - 350V) VBTML Series.

tt - ISI Models

** - Voltage required at motor input terminal during working time.

Star rated models are also available