V-GUARD
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VBTH Series – Detailed Technical Specifications

Radial Flow Type 6" Borewell		*Capacity*		*Pipe*	*Rated Current*	*Panel Suggested*	*Performance Chart*									
							Discharge in LPM									
Series K60	*Stages*	*HP*	*kW*	*(mm)*	*(A)*		*250*	*220*	*210*	*200*	*180*	*150*	*135*	*120*	*90*	*0*
VBTH 0508	8	5.0	3.7	50	10	D.O.L.	27	40	48	58	68			102	108	122
VBTH 0610	10	6.0	4.5	50	12	D.O.L.	34	50	60	72	85	107	120	127	135	152
VBTH 7512	12	7.5	5.5	50	14.5	D.O.L.	40	60	72	87	102	129	144	153	162	183
VBTHD	12	7.5	5.5	50	14.5	Star	40	60	72	87	102	129	144	153	162	183
VBTH	16	10.0	7.5	50	19	Star	54	80	96	116	136	172	192	204	216	244
VBTH	20	12.5	9.3	50	25	Star	67	100	120	145	170	215	240	255	270	305
							Discharge **in *LPM***									
Series K80							*300*	*270*	*240*	*220*	*210*	***200***	***180***	*150*	*120*	*0*
VBTH 0506	6	5.0	3.7	50	10	D.O.L.	24	40	52	59	62			**74**	78	91
VBTH 0608	8	6.0	4.5	50	12	D.O.L.	32	54	70	78	83	86	90	98	104	122
VBTH 7510	10	7.5	5.5	50	14.5	D.O.L.	40	68	88	98	104	108	113	123	130	152
VBTHD	10	7.5	5.5	50	14.5	Star	40	68	88	98	104	108	113	123	130	152
VBTH	12	10.0	7.5	50	19	Star	48	82	105	118	125	130	136	148	156	183
VBTH	15	12.5	9.3	50	25	Star	60	102	132	147	156	162	170	185	195	228
							Discharge in LPM									
Series K100							*390*	*360*	*330*	*300*	*270*	*240*	*210*	*180*	*150*	*0*
VBTH 0505	5	5.0	3.7	50	10	D.O.L.	15	18	34	44	50			65	68	76
VBTH 0606	6	6.0	4.5	50	12	D.O.L.	18	21	40	52	60	68	72	78	81	91
VBTH 7508	8	7.5	5.5	50	14.5	D.O.L.	24	28	54	70	80	89	98	104	108	122
VBTHD	8	7.5	5.5	50	14.5	Star	24	28	54	70	80	89	98	104	108	122
VBTH	10	10.0	7.5	50	19	Star	30	35	68	88	100	112	122	130	135	152
VBTH	12	12.5	9.3	50	25	Star	36	42	81	105	120	134	146	156	162	183
VBTHP	15	15.0	11.0	65	29	Star-	45	50	100	130	150	165	180	195	200	225
VBTHP	18	17.5	13.0	65	34	Star-	52	60	120	155	180	200	220	230	240	270
VBTHP	20	20.0	15.0	65	39	Star-	60	70	135	175	200	220	240	260	270	300
							Discharge in LPM									
Series K125							*510*	*450*	*420*	*390*	*360*	*330*	*270*	*210*	*150*	*0*
VBTH 0504	4	5.0	3.7	65	10	D.O.L	12	24	32	36	40	44	48	52	56	60
VBTH 0605	5	6.0	4.5	65	12	D.O.L	15	30	40	45	50	55	60	65	70	77
VBTH 7506	6	7.5	5.5	65	14.5	D.O.L	18	36	48	54	60	66	72	78	84	90
VBTHD	6	7.5	5.5	65	14.5	Star-	18	36	48	54	60	66	72	78	84	90
VBTH	8	10.0	7.5	65	19	Star-	24	48	64	72	80	88	96	104	112	120
VBTH	10	12.5	9.3	65	25	Star-	30	60	80	90	100	110	120	130	140	150
VBTH	12	15.0	11.0	65	29	Star-	36	72	96	108	120	132	**144**	156	168	180
							Discharge in *LPM*									
Series K150							*570*	*510*	*480*	*450*	*420*	*390*	*360*	*300*	*240*	*0*
VBTH 0604	4	6.0	4.5	65	12	D.O.L	12	24	32	36	40	44	48	52	56	60

Head in Meter

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VBTH 7505	5	7.5	5.5	65	14.5	D.O.L	in	15	30	40	45	50	55	60	65	70	77
VBTHD	5	7.5	5.5	65	14.5	Star-	Meter	15	30	40	45	50	55	60	65	70	77
VBTH	6	10.0	7.5	65	19	Star-		18	36	48	54	60	66	72	78	84	90
VBTH	8	12.5	9.3	65	25	Star-		24	48	64	72	80	88	96	104	112	120
VBTH	10	15.0	11.0	65	29	Star-		30	60	80	90	100	110	120	130	140	150
								Discharge in LPM									
Series K200								*600*	*570*	*540*	*510*	*480*	*450*	*420*	*390*	*330*	*0*
VBTH 7504	4	7.5	5.5	65	15	D.O.L	**Head**	28	32	36	**40**			52	56	60	64
VBTHD	4	7.5	5.5	65	15	Star-	in	28	32	36	40	44	48	52	56	60	64
VBTH	8	15.0	11.0	65	29	Star-	Meter	56	64	72	**80**			104	112	120	128

Radial Flow Type 6" *Borewell Submersible Pumps (SS Di f user + SS Moulded Impeller)*

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.

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♦ Models also available with (150 - 350V) low voltage band VBTHL

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