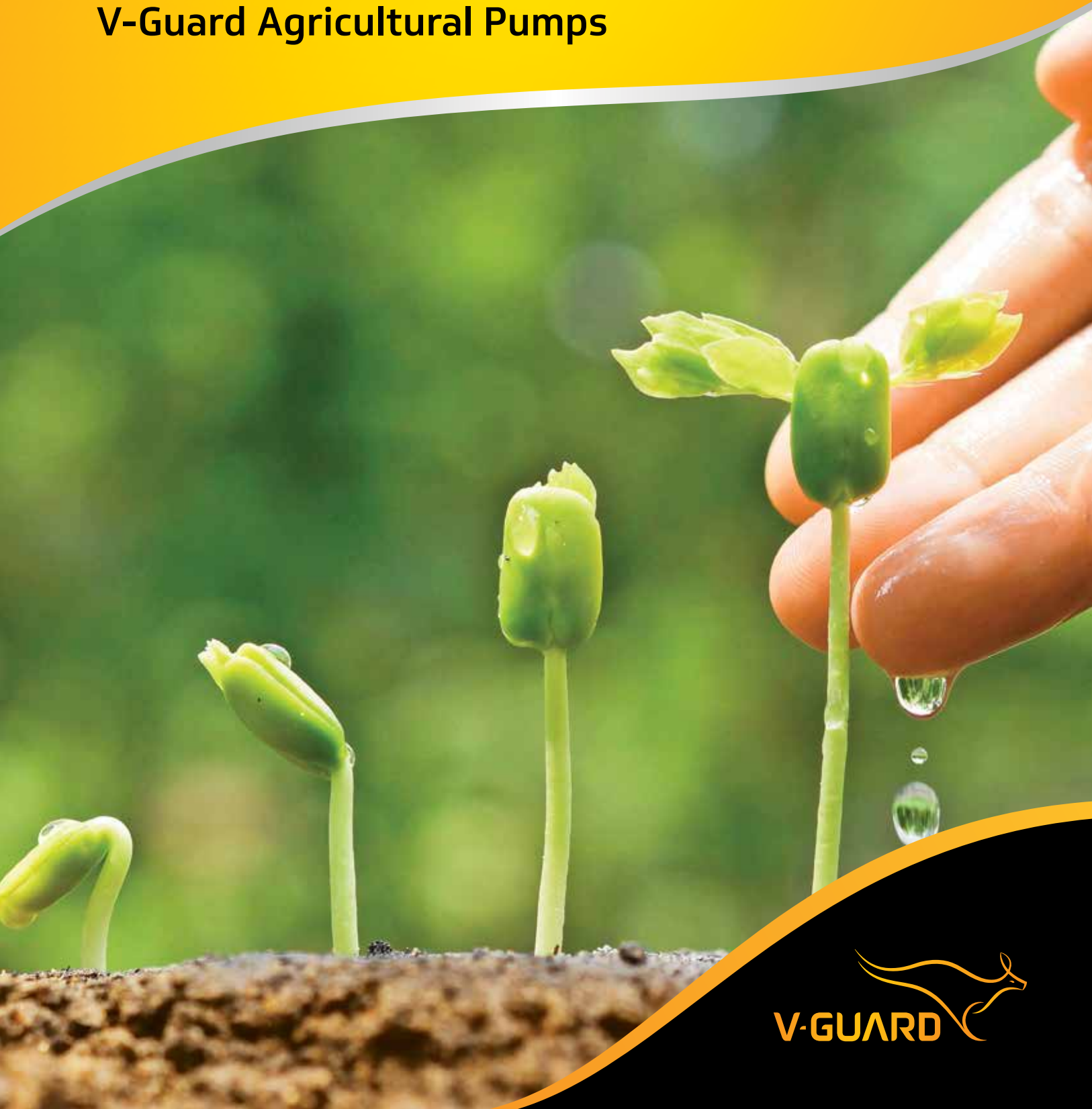


**Powering farms.
Empowering lives.**

V-Guard Agricultural Pumps





Efficient and long lasting

For over four decades V-Guard lived up to the reputation of making reliable products that were designed to work efficiently and last a lifetime. And now we are taking our next quantum leap. Harnessing the learnings, insights and experience of four decades it will be our endeavour to understand human lives and its relationship with the tools and appliances that he uses. And then to evolve a seamless experience with thoughtfully engineered products in our quest to enriching consumer lives.

V-Guard offers a range of pumps that are reliable, cost-effective and efficient. Every one of these pumps is designed thoughtfully to last you a lifetime. They save energy and don't require frequent maintenance, so your crops can enjoy uninterrupted flow of water.

Salient Features



99.9% Copper Motor Winding



Wide Voltage Range Operation



Assured Quality via stringent QA process

Range available



SINGLE PHASE CENTRIFUGAL MONOBLOC MODELS

- Power Range: 1.5 kW - 3.7 kW (2 HP - 5 HP)
- Maximum Head: 50 m (164 feet)
- Maximum Flow rate: 888 LPM (53.3 m3/hr)

"B" CLASS CENTRIFUGAL MONOBLOC MODELS

- Power Range: 1.1 kW - 15 kW (1.5 HP - 20 HP)
- Maximum Head: 76 m (249 feet)
- Maximum Flow rate: 1980 LPM (118.8 m3/hr)



"A" CLASS CENTRIFUGAL MONOBLOC MODELS

- Power Range: 2.2 kW - 15 kW (3 HP - 20 HP)
- Maximum Head: 90 m (295 feet)
- Maximum Flow rate: 1940 LPM (116.4 m3/hr)

VOTSN SERIES

- Power Range: 2.2 kW - 5.5 kW (3 HP - 7.5 HP)
- Maximum Head: 58 m (190 feet)
- Maximum Flow rate: 1320 LPM (79.2 m3/hr)



VOTCN/VOTEN/VOTRN SERIES

- Power Range: 0.75 kW - 15 kW (1 HP - 20 HP)
- Maximum Head: 90 m (295 feet)
- Maximum Flow rate: 2550 LPM (153 m3/hr)

VOTCZ SERIES

- Power Range: 2.2 kW - 7.5 kW (3 HP - 10 HP)
- Maximum Head: 70 m (230 feet)
- Maximum Flow rate: 1780 LPM (106.8 m3/hr)



VBT4 & VBT45 SERIES

- Power Range: 1.1 kW - 5.5 kW (1.5 HP - 7.5 HP)
- Maximum Head: 453 m (1486 feet)
- Maximum Flow rate: 350 LPM (21 m3/hr)

6" BOREWELL SUBMERSIBLE PUMPS

- Power Range: 2.2 kW - 22 kW (3 HP - 30 HP)
- Maximum Head: 493 m (1617 feet)
- Maximum Flow rate: 1200 LPM (72 m3/hr)



8" BOREWELL SUBMERSIBLE PUMPS & JANTA MODELS

- Power Range: 7.5 kW - 56 kW (10 HP - 75 HP)
- Maximum Head: 360 m (1181 feet)
- Maximum Flow rate: 2330 LPM (139.8 m3/hr)

6" BORE WELL SUBMERSIBLE PUMPSET

(SRCN, VBTHN, VBTHNQ, VBTRN, VBTMN, VBS6 & VBTMNR SERIES)

COMMON FEATURES

Water cooled water lubricated Electric Motor as prime mover. | High quality Electrical grade Stamping used as Motor Core. | Copper Winding Wire with high-quality three layer insulation wrapping. | Special LTB-4 Bushes inside the motor for higher wear resistance and longer life. | Stainless Steel Motor Body to prevent rust formation. | Specially designed Pressure Diaphragm to compensate the excess pressure generated inside the motor, while working. | High grade CI/SS made Diffusers and Housings. | Higher Operating Efficiency & Low Maintenance cost.

Specifications : | Version: Three phase 50Hz. AC Supply. | Type of Duty : S1 (Continuous)
| Maximum Liquid temperature : 35°C. | Speed : 2800 RPM

6" RADIAL FLOW BORE WELL SUBMERSIBLE PUMPSET (SRCN SERIES)

PRODUCT FEATURES

Water cooled water lubricated Electric Motor as prime mover. | Copper Winding Wire with high quality three layer insulation wrapping. | Stainless Steel Motor Body to prevent rust formation. | Specially designed Pressure Diaphragm to compensate excess pressure generated inside the motor. | Diffusers and Housings made from high grade Cast Iron. | Specially designed fixed type SS Thrust Bearing. | High quality Carbon impregnated polymer Thrust Pad with Cast Iron base for longer life. | Special grade LTB-4 Bushes used inside the Motor for high wear-resistance and longer life.

Specifications : Working Voltage Range: 200 - 400 V**

Applications: Irrigation of farms, Agriculture use, Use at construction sites, Water supply to high rise buildings



Radial Flow Type 6" Borewell Submersible Pumps (Cu Brazed Rotor + SS Fabricated Impellers)

SRCN10 SERIES							Performance Chart									
		Capacity		Pipe Size	Rated Current	Panel Suggested	Discharge in LPM									
Model	Stages	HP	kW	(mm)	(A)		480	440	400	360	320	280	240	200	0	
SRCN10-030003	3	3.0	2.2	50	6.5	D.O.L.	-	15	20	23	26	29	30	32	38	
SRCN10-040004	4	4.0	3.0	50	8.5	D.O.L.	-	21	26	31	35	38	40	42	51	
SRCN10-050005	5	5.0	3.7	50	10	D.O.L.	-	24	30	36	41	46	49	51	61	
SRCN10-060006	6	6.0	4.5	50	12	D.O.L.	22	31	39	47	53	57	60	63	77	
SRCN10-075008	8	7.5	5.5	50	14.5	D.O.L.	29	41	52	62	70	76	80	84	102	
SRCN10-100010	10	10.0	7.5	50	19.5	Star-Delta	36	51	65	78	88	95	100	105	128	
SRCN10-125012	12	12.5	9.3	50	25	Star-Delta	44	62	78	93	105	114	120	126	153	
SRCN10-150015	15	15.0	11.0	50	29	Star-Delta	54	77	98	116	131	143	150	158	191	
SRCN10-175018	18	17.5	13.0	50	34	Star-Delta	65	92	117	140	158	171	180	189	230	
SRCN10-200020	20	20.0	15.0	50	39	Star-Delta	73	103	130	155	175	190	200	210	255	
SRCN08 SERIES							Discharge in LPM									
		Capacity		Pipe Size	Rated Current	Panel Suggested	Discharge in LPM									
Model	Stages	HP	kW	(mm)	(A)		400	360	320	280	240	200	160	120	0	
SRCN08-050006	6	5.0	3.7	50	10	D.O.L.	30	38	46	53	58	61	65	68	77	
SRCN08-100012	12	10.0	7.5	50	19.5	Star-Delta	60	76	92	106	116	122	130	136	154	
SRCN08-125014	14	12.5	9.3	50	25	Star-Delta	70	89	107	124	135	142	152	159	180	
SRCN08-125015	15	12.5	9.3	50	25	Star-Delta	75	95	115	133	145	153	163	170	193	
SRCN08-150018	18	15.0	11.0	50	29	Star-Delta	90	114	138	159	174	183	195	204	231	
SRCN08-175022	22	17.5	13.0	50	34	Star-Delta	110	139	169	194	213	224	238	249	282	
SRCN08-200024	24	20.0	15.0	50	39	Star-Delta	120	152	184	212	232	244	260	272	308	



SRCN07 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested		Discharge in LPM								
Model	Stages	HP	kW	(mm)	(A)			360	330	300	270	240	210	180	100	0
SRCN07-030004	4	3.0	2.2	50	6.5	D.O.L.	Head in Meter	20	25	30	33	35	38	40	44	48
SRCN07-040005	5	4.0	3.0	50	8.5	D.O.L.		25	31	37	41	44	47	50	55	61
SRCN07-060008	8	6.0	4.5	50	12	D.O.L.		39	49	58	65	69	73	77	86	97
SRCN07-075010	10	7.5	5.5	50	14.5	D.O.L.		50	62	74	82	88	94	99	109	121
SRCN07-100014	14	10.0	7.5	50	19.5	Star-Delta		70	87	104	115	123	132	139	153	169
SRCN07-125016	16	12.5	9.3	50	25	Star-Delta		80	99	118	131	141	150	158	174	194
SRCN07-125018	18	12.5	9.3	50	25	Star-Delta		90	112	133	148	158	169	178	196	218
SRCN07-150020	20	15.0	11.0	50	29	Star-Delta		100	124	148	164	176	188	198	218	242
SRCN06 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested		Discharge in LPM								
Model	Stages	HP	kW	(mm)	(A)			290	260	230	200	170	140	110	80	0
SRCN06-030005	5	3.0	2.2	50	6.5	D.O.L.	Head in Meter	28	33	38	42	45	48	50	52	57
SRCN06-040006	6	4.0	3.0	50	8.5	D.O.L.		33	40	46	51	54	57	60	63	68
SRCN06-050008	8	5.0	3.7	50	10	D.O.L.		44	53	61	67	72	76	80	83	90
SRCN06-060010	10	6.0	4.5	50	12	D.O.L.		51	66	76	84	90	95	100	104	115
SRCN06-075012	12	7.5	5.5	50	14.5	D.O.L.		66	80	92	101	108	114	120	125	136
SRCN06-100016	16	10.0	7.5	50	19.5	Star-Delta		88	107	123	135	144	152	160	167	181
SRCN06-125020	20	12.5	9.3	50	25	Star-Delta		110	133	153	168	180	190	200	208	227
SRCN06-150024	24	15.0	11.0	50	29	Star-Delta		132	160	184	202	216	228	240	250	272
SRCN06-150025	25	15.0	11.0	50	29	Star-Delta		138	167	192	210	225	238	250	260	283

SRCN05 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested	Discharge in LPM								
Model	Stages	HP	kW	(mm)	(A)		290	260	230	200	170	140	110	80	0
SRCN05-030006	6	3.0	2.2	50	6.5	D.O.L.	22	30	38	44	50	53	56	59	65
SRCN05-040008	8	4.0	3.0	50	8.5	D.O.L.	29	40	50	59	66	71	75	78	87
SRCN05-050010 ♦	10	5.0	3.7	50	10	D.O.L.	35	49	62	72	82	88	93	98	108
SRCN05-060012	12	6.0	4.5	50	12	D.O.L.	43	60	75	88	99	106	112	117	130
SRCN05-075015 ♦	15	7.5	5.5	50	14.5	D.O.L.	44	71	92	108	122	132	140	148	165
SRCN05-075016	16	7.5	5.5	50	14.5	D.O.L.	57	80	100	117	132	141	149	156	173
SRCN05-100018	18	10.0	7.5	50	19.5	Star-Delta	65	90	113	132	149	159	168	176	195
SRCN05-100020	20	10.0	7.5	50	19.5	Star-Delta	72	100	125	147	165	177	187	195	217
SRCN05-125024	24	12.5	9.3	50	25	Star-Delta	86	120	150	176	198	212	224	234	260
SRCN05-125025	25	12.5	9.3	50	25	Star-Delta	90	125	156	183	206	221	233	244	271
SRCN05-150030	30	15.0	11.0	50	29	Star-Delta	108	150	188	220	248	265	280	293	325
SRCN04 SERIES							Discharge in LPM								
Model	Stages	HP	kW	Pipe Size (mm)	Rated Current (A)	Panel Suggested	250	220	190	160	130	100	70	40	0
SRCN04-040010	10	4.0	3.0	50	8.5	D.O.L.	32	42	52	63	73	83	89	93	96
SRCN04-050012	12	5.0	3.7	50	10	D.O.L.	39	51	63	75	87	99	107	112	115
SRCN04-060014	14	6.0	4.5	50	12	D.O.L.	45	59	73	88	102	116	125	130	134
SRCN04-060015	15	6.0	4.5	50	12	D.O.L.	49	64	79	94	109	124	134	140	144
SRCN04-075018	18	7.5	5.5	50	14.5	D.O.L.	58	76	94	113	131	149	160	167	173
SRCN04-075020	20	7.5	5.5	50	14.5	D.O.L.	65	85	105	125	145	165	178	186	192
SRCN04-100024	24	10.0	7.5	50	19.5	Star-Delta	78	102	126	150	174	198	214	223	230
SRCN04-100025	25	10.0	7.5	50	19.5	Star-Delta	81	106	131	156	181	207	223	233	240
SRCN04-125030	30	12.5	9.3	50	25	Star-Delta	97	127	157	188	218	248	267	279	288
SRCN04-125032	32	12.5	9.3	50	25	Star-Delta	104	136	168	200	232	264	285	298	307
SRCN03 SERIES							Discharge in LPM								
Model	Stages	HP	kW	Pipe Size (mm)	Rated Current (A)	Panel Suggested	-	210	180	150	120	90	60	30	0
SRCN03-030008	8	3.0	2.2	50	6.5	D.O.L.	-	34	42	50	58	66	70	74	78
SRCN03-030010	10	3.0	2.2	50	6.5	D.O.L.	-	42	52	62	72	82	88	93	98
SRCN03-040012	12	4.0	3.0	50	8.5	D.O.L.	-	50	62	75	87	99	105	111	117
SRCN03-050014	14	5.0	3.7	50	10	D.O.L.	-	59	73	87	101	115	123	130	137
SRCN03-050015	15	5.0	3.7	50	10	D.O.L.	-	63	78	93	108	123	131	139	146
SRCN03-050016	16	5.0	3.7	50	10	D.O.L.	-	67	83	99	115	132	140	148	156
SRCN03-060020	20	6.0	4.5	50	12	D.O.L.	-	84	104	124	144	164	175	185	195
SRCN03-075024	24	7.5	5.5	50	14.5	D.O.L.	-	101	125	149	173	197	210	222	234
SRCN03-075025	25	7.5	5.5	50	14.5	D.O.L.	-	105	130	155	180	205	219	231	244
SRCN03-100030	30	10.0	7.5	50	19.5	Star-Delta	-	126	156	186	216	247	263	278	293

The performance data & technical Specifications given in this brochure are based on our lab tests conducted at standard conditions & rated voltage of 380V, 50Hz. supply and are likely to change with various field conditions. Friction and flow losses in pipe fittings have not been calculated.

As improvements are made in design from time to time, specifications and performance are subjected to change without prior information. For latest details, you may get in touch with our Branches.

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

6" RADIAL FLOW BORE WELL SUBMERSIBLE PUMPSET (VBTHN & VBTHNQ SERIES)

PRODUCT FEATURES

Water filled water cooled Electric Motor as prime mover. | High quality Electrical grade Stamping used as Motor Core. | High wear resistant LTB-4 Bushes inside the Motor ensures longer life. | SS-202 Motor Body for better cooling and protection. | 50 Feet per stage pump side design for high head application. | Stainless Steel Diffusers and dynamically balanced SS Impellers. | Tilting type Stainless Steel Thrust Bearing with Carbon Pad. | SS-410 Motor Shaft & dynamically balanced Cu Brazed Rotor. | SS-410 Pump Shaft and Nitrile Rubber Journal Bushes in Pump side for trouble free working in sandy areas. | Higher Operating Efficiency. | Low Maintenance cost.



Applications: Irrigation of farms, Agriculture use, Use at construction sites, Water supply to high rise buildings

Radial Flow Type 6" Borewell Submersible Pumps (Cu Brazed Rotor + SS Diffuser + SS Moulded Impeller)																		
VBTHN63 SERIES Capacity Pipe Size Rated Current Panel Suggested							Performance Chart											
							Discharge in LPM											
							260	240	215	180	165	145	100	50	0			
Model	Stages	HP	kW	(mm)	(A)	Panel Suggested	Head in Meter											
VBTHN63-030005	5	3.0	2.2	50	6.5	D.O.L.			8	24	37	46	55	60	69	77	84	
VBTHN63-040007	7	4.0	3.0	50	8.5	D.O.L.			12	34	51	64	77	84	96	108	117	
VBTHN63-050008	8	5.0	3.7	50	10	D.O.L.			13	39	59	73	88	96	110	123	134	
VBTHN63-060010	10	6.0	4.5	50	12	D.O.L.			17	48	73	92	110	120	138	154	168	
VBTHN63-075012	12	7.5	5.5	50	14.5	D.O.L.			20	58	88	110	132	144	165	185	201	
VBTHN63-100014	14	10.0	7.5	50	19.5	Star-Delta			22	67	104	129	154	168	193	216	235	
VBTHN63-100016	16	10.0	7.5	50	19.5	Star-Delta			27	77	117	147	176	192	220	247	268	
VBTHN63-125019	19	12.5	9.3	50	25	Star-Delta			32	92	139	174	209	228	261	293	318	
VBTHN63-150024	24	15.0	11.0	50	29	Star-Delta			40	116	176	220	264	288	330	370	402	
VBTHN63-175026	26	17.5	13.0	50	34	Star-Delta			43	125	190	238	286	312	357	400	435	
VBTHN63-175028	28	17.5	13.0	50	34	Star-Delta			46	135	205	256	308	336	385	431	469	
VBTHN63-200030	30	20.0	15.0	50	39	Star-Delta			49	144	219	274	330	360	412	462	502	
VBTHN63-200032	32	20.0	15.0	50	39	Star-Delta			53	154	234	293	352	384	440	493	536	
VBTHN64 SERIES Capacity Pipe Size Rated Current Panel Suggested							Discharge in LPM											
							270	245	225	180	170	135	85	65	0			
							Model	Stages	HP	kW	(mm)	(A)	Panel Suggested	Head in Meter				
VBTHN64-030004	4	3.0	2.2	50	6.5	D.O.L.		8	18	26	39	48	53		60	62	68	
VBTHN64-040005	5	4.0	3.0	50	8.5	D.O.L.		10	23	32	49	60	66		75	78	86	
VBTHN64-050006	6	5.0	3.7	50	10	D.O.L.		12	28	38	58	72	79		89	93	103	
VBTHN64-060008	8	6.0	4.5	50	12	D.O.L.		16	36	52	78	96	106		120	124	136	
VBTHN64-075010	10	7.5	5.5	50	14.5	D.O.L.		20	46	64	97	120	132		149	155	171	
VBTHN64-100012	12	10.0	7.5	50	19.5	Star-Delta		24	55	77	116	144	158		179	186	205	
VBTHN64-125015	15	12.5	9.3	50	25	Star-Delta		36	69	96	146	180	198		224	233	257	
VBTHN64-150018	18	15.0	11.0	50	29	Star-Delta		39	83	115	175	216	238		268	279	308	
VBTHN64-175021	21	17.5	13.0	50	34	Star-Delta		42	97	134	204	252	277		313	326	359	
VBTHN64-200024	24	20.0	15.0	50	39	Star-Delta		48	110	154	233	288	317		358	372	410	
VBTHN64-250028	28	25.0	18.5	50	48	Star-Delta		56	129	178	271	336	369		417	434	478	
VBTHN64-250030	30	25.0	18.5	50	48	Star-Delta		60	138	191	291	360	395		447	465	512	
VBTHN65 SERIES Capacity Pipe Size Rated Current Panel Suggested							Discharge in LPM											
							375	355	330	300	265	235	210	160	0			
							Model	Stages	HP	kW	(mm)	(A)	Panel Suggested	Head in Meter				
VBTHN65-030003	3	3.0	2.2	65	6.5	D.O.L.		7	11	17	23	30	36		40	45	53	
VBTHN65-040004	4	4.0	3.0	65	8.5	D.O.L.		9	14	22	30	40	48		53	60	71	
VBTHN65-050005	5	5.0	3.7	65	10	D.O.L.		11	18	28	38	50	60		66	75	89	
VBTHN65-060006	6	6.0	4.5	65	12	D.O.L.		13	21	34	45	60	72		79	90	107	
VBTHN65-075008	8	7.5	5.5	65	14.5	D.O.L.		18	28	45	60	80	96		106	120	142	
VBTHN65-100010	10	10.0	7.5	65	19.5	Star-Delta		22	35	56	75	100	120		132	150	178	
VBTHN65-125012	12	12.5	9.3	65	25	Star-Delta		26	42	67	90	120	144		158	180	213	
VBTHN65-150015	15	15.0	11.0	65	29	Star-Delta		33	53	84	113	150	180		198	225	266	
VBTHN65-175018	18	17.5	13.0	65	34	Star-Delta		40	63	101	135	180	216		238	270	320	
VBTHN65-200020	20	20.0	15.0	65	39	Star-Delta		44	70	112	150	200	240		264	300	355	
VBTHN65-225022	22	22.5	16.8	65	44	Star-Delta		48	77	123	165	220	264		290	330	391	
VBTHN65-250024	24	25.0	18.5	65	48	Star-Delta		53	84	134	180	240	288		317	360	426	
VBTHN65-250025	25	25.0	18.5	65	48	Star-Delta		55	88	139	188	250	300		330	375	444	
VBTHN65-275026	26	27.5	20.5	65	53	Star-Delta		57	91	145	195	260	312		343	390	462	
VBTHN65-275028	28	27.5	20.5	65	53	Star-Delta		62	98	157	210	280	336		370	420	497	
VBTHN65-300030	30	30.0	22.5	65	57	Star-Delta		66	105	168	225	300	360	396	450	533		



VBTHN66 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested		Discharge in LPM								
Model	Stages	HP	kW	(mm)	(A)			500	445	415	380	305	230	165	115	0
VBTHN66-040003	3	4.0	3.0	65	8.5	D.O.L	Head in Meter	6	15	23	27	36	43	47	50	52
VBTHN66-050004	4	5.0	3.7	65	10	D.O.L		9	20	30	36	48	57	62	67	69
VBTHN66-050005	5	5.0	3.7	65	12	D.O.L		11	25	38	45	60	72	78	83	85
VBTHN66-060005	5	6.0	4.5	65	12	D.O.L		11	25	38	45	60	72	78	83	85
VBTHN66-075006	6	7.5	5.5	65	14.5	D.O.L		13	30	45	54	72	86	93	100	103
VBTHN66-075008	8	7.5	5.5	65	14.5	D.O.L		17	40	60	72	96	114	124	133	136
VBTHN66-100008	8	10.0	7.5	65	19.5	Star-Delta		17	40	60	72	96	114	124	133	136
VBTHN66-125010	10	12.5	9.3	65	25	Star-Delta		22	50	75	90	120	143	155	166	170
VBTHN66-150012	12	15.0	11.0	65	29	Star-Delta		26	60	90	108	144	172	186	200	203
VBTHN66-175014	14	17.5	13.0	65	34	Star-Delta		30	70	105	126	168	201	217	233	236
VBTHN66-175015	15	17.5	13.0	65	34	Star-Delta		32	75	115	135	180	215	235	250	260
VBTHN66-200016	16	20.0	15.0	65	39	Star-Delta		35	80	120	144	192	229	248	267	270
VBTHN66-200018	18	20.0	15.0	65	39	Star-Delta		39	90	135	162	216	257	279	300	303
VBTHN66-250020	20	25.0	18.5	65	48	Star-Delta		43	100	150	180	240	286	310	333	337
VBTHN66-275022	22	27.5	20.5	65	53	Star-Delta		48	110	165	198	264	314	341	367	371
VBTHN66-300024	24	30.0	22.5	65	57	Star-Delta		52	120	180	216	288	343	372	400	405
VBTHN67 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested		Discharge in LPM								
Model	Stages	HP	kW	(mm)	(A)			535	480	435	415	345	325	280	175	0
VBTHN67-030002	2	3.0	2.2	65	6.5	D.O.L	Head in Meter	4	10	15	18	24	26	28	34	36
VBTHN67-050003	3	5.0	3.7	65	10	D.O.L		7	15	22	28	36	39	42	51	53
VBTHN67-060004	4	6.0	4.5	65	12	D.O.L		9	20	30	37	48	52	56	68	71
VBTHN67-075005	5	7.5	5.5	65	14.5	D.O.L		11	25	37	46	60	65	70	85	89
VBTHN67-100006	6	10.0	7.5	65	19.5	Star-Delta		12	30	45	54	72	78	84	102	108

VBTHN67 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested	Discharge in LPM								
Model	Stages	HP	kW	(mm)	(A)		535	480	435	415	345	325	280	175	0
VBTHN67-100007	7	10.0	7.5	65	19.5	Star-Delta	15	35	52	64	84	91	98	119	124
VBTHN67-125008	8	12.5	9.3	65	25	Star-Delta	18	40	59	74	96	104	112	136	142
VBTHN67-150010	10	15.0	11.0	65	29	Star-Delta	22	50	74	92	120	130	140	170	179
VBTHN67-175012	12	17.5	13.0	65	34	Star-Delta	26	60	89	110	144	156	168	204	213
VBTHN67-175013	13	17.5	13.0	65	34	Star-Delta	27	65	98	117	156	169	182	221	234
VBTHN67-200013	13	20.0	15.0	65	39	Star-Delta	27	65	98	117	156	169	182	221	234
VBTHN67-200014	14	20.0	15.0	65	39	Star-Delta	28	70	105	126	168	182	196	238	252
VBTHN67-250016	16	25.0	18.5	65	48	Star-Delta	34	80	118	146	192	208	224	272	284
VBTHN67-300018	18	30.0	22.5	65	53	Star-Delta	39	90	133	164	216	234	252	306	319
VBTHN68 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested	Discharge in LPM								
Model	Stages	HP	kW	(mm)	(A)		740	670	600	530	460	390	320	250	0
VBTHN68-040002	2	4.0	3.0	65	8.5	D.O.L	2	8	14	19	23	26	29	31	33
VBTHN68-060003	3	6.0	4.5	65	12	D.O.L	3	13	21	29	35	40	45	48	50
VBTHN68-075004	4	7.5	5.5	65	14.5	D.O.L	4	17	30	39	47	53	60	64	66
VBTHN68-100005	5	10.0	7.5	65	19.5	Star-Delta	5	22	38	48	58	67	75	80	83
VBTHN68-125006	6	12.5	9.3	65	25	Star-Delta	6	26	45	58	70	80	90	96	100
VBTHN68-150008	8	15.0	11.0	65	29	Star-Delta	8	35	60	77	93	107	120	128	133
VBTHN68-175009	9	17.5	13.0	65	34	Star-Delta	9	39	68	87	105	120	135	144	149
VBTHN68-200010	10	20.0	15.0	65	39	Star-Delta	10	43	76	97	117	133	150	160	165
VBTHN68-250012	12	25.0	18.5	65	48	Star-Delta	12	52	90	116	140	160	180	192	198
VBTHN68-275014	14	27.5	20.5	65	53	Star-Delta	14	61	105	135	163	187	210	224	231
VBTHN68-300016	16	30.0	22.5	65	57	Star-Delta	16	64	112	152	184	208	232	248	264

Radial Flow Type 6" Borewell Submersible Pumps (Cu Brazed Rotor + SS Diffuser + SS Moulded Impeller)															
VBTHN-Q4 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested	Performance Chart								
Model	Stages	HP	kW	(mm)	(A)		Discharge in LPM								
							-	225	200	175	150	125	100	75	0
VBTHN-Q4-050008	8	5.0	3.7	50	10	D.O.L.	-	60	72	87	99	108	116	120	125
VBTHN-Q4-100016	16	10.0	7.5	50	19.5	Star-Delta	-	119	145	174	198	216	231	240	250
VBTHN-Q4-125020	20	12.5	9.3	50	25	Star-Delta	-	149	181	218	248	270	289	300	313
VBTHN-Q4-150024	24	15.0	11.0	50	29	Star-Delta	-	179	217	261	297	324	347	360	376
VBTHN-Q5 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested	Discharge in LPM								
Model	Stages	HP	kW	(mm)	(A)		330	290	240	220	200	180	160	110	0
VBTHN-Q5-050006	6	5.0	3.7	50	10	D.O.L.	35	53	69	75	80	84	87	92	96
VBTHN-Q5-075010	10	7.5	5.5	50	14.5	D.O.L.	58	88	115	125	133	140	145	153	160
VBTHN-Q5-100012	12	10.0	7.5	50	19.5	Star-Delta	69	105	138	150	159	168	174	183	192
VBTHN-Q5-125015	15	12.5	9.3	50	25	Star-Delta	86	131	173	188	199	210	218	229	240
VBTHN-Q5-150018	18	15.0	11.0	50	29	Star-Delta	104	158	207	225	239	252	261	275	288
VBTHN-Q6 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested	Discharge in LPM								
Model	Stages	HP	kW	(mm)	(A)		-	400	350	300	250	200	150	100	0
VBTHN-Q6-050005	5	5.0	3.7	65	10	D.O.L.	-	25	38	50	60	68	73	77	80
VBTHN-Q6-075008	8	7.5	5.5	65	14.5	D.O.L.	-	40	61	80	96	109	117	123	128
VBTHN-Q6-100010	10	10.0	7.5	65	19.5	Star-Delta	-	50	76	100	120	137	147	153	160
VBTHN-Q6-125012	12	12.5	9.3	65	25	Star-Delta	-	60	92	120	144	164	176	184	192
VBTHN-Q6-150015	15	15.0	11.0	65	29	Star-Delta	-	75	115	150	180	205	220	230	240
VBTHN-Q6-175018	18	17.5	13.0	65	34	Star-Delta	-	90	138	180	216	246	264	276	288
VBTHN-Q6-200020	20	20.0	15.0	65	39	Star-Delta	-	100	153	200	240	273	293	307	320
VBTHN-Q6-250025	25	25.0	18.5	65	48	Star-Delta	-	125	192	250	300	342	367	383	400
VBTHN-Q6-300030	30	30.0	22.0	65	57	Star-Delta	-	150	230	300	360	410	440	460	480

VBTHN-Q7 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested	Discharge in LPM									
Model	Stages	HP	kW	(mm)	(A)		520	480	420	380	340	300	260	200	0	
VBTHN-Q7-100008	8	10.0	7.5	65	19.5	Star-Delta	46	64	82	92	100	106	112	118	126	
VBTHN-Q7-125010	10	12.5	9.3	65	25	Star-Delta	58	80	103	115	125	133	140	148	158	
VBTHN-Q7-150012	12	15.0	11.0	65	29	Star-Delta	69	96	123	138	150	159	168	177	189	
VBTHN-Q7-175014	14	17.5	13.0	65	34	Star-Delta	81	112	144	161	175	186	196	207	221	
VBTHN-Q7-200016	16	20.0	15.0	65	39	Star-Delta	92	128	164	184	200	212	224	236	252	
VBTHN-Q7-200018	18	20.0	15.0	65	39	Star-Delta	104	144	185	207	225	239	252	266	284	
VBTHN-Q7-250020	20	25.0	18.5	65	48	Star-Delta	115	160	205	230	250	265	280	295	315	
VBTHN-Q7-300024	24	30.0	22.0	65	57	Star-Delta	138	192	246	276	300	318	336	354	378	
Head in Meter																
VBTHN-Q8 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested	Discharge in LPM									
Model	Stages	HP	kW	(mm)	(A)		-	580	500	450	410	370	320	240	0	
VBTHN-Q8-100006	6	10.0	7.5	65	19.5	Star-Delta	-	30	52	64	72	78	84	90	94	
VBTHN-Q8-125008	8	12.5	9.3	65	25	Star-Delta	-	40	69	85	96	104	112	120	125	
VBTHN-Q8-150010	10	15.0	11.0	65	29	Star-Delta	-	50	87	107	120	130	140	150	157	
VBTHN-Q8-175012	12	17.5	13.0	65	34	Star-Delta	-	60	104	128	144	156	168	180	188	
VBTHN-Q8-200013	13	20.0	15.0	65	39	Star-Delta	-	65	113	139	156	169	182	195	204	
VBTHN-Q8-250016	16	25.0	18.5	65	48	Star-Delta	-	80	139	171	192	208	224	240	251	
VBTHN-Q8-300018	18	30.0	22.0	65	57	Star-Delta	-	90	156	192	216	234	252	270	282	
VBTHN-Q8-300020	20	30.0	22.0	65	57	Star-Delta	-	100	173	213	240	260	280	300	313	
Head in Meter																

The performance data & technical Specifications given in this brochure are based on our lab tests conducted at standard conditions & rated voltage of 350 V, 50Hz. supply and are likely to change with various field conditions. Friction and flow losses in pipe fittings have not been calculated.

As improvements are made in design from time to time, specifications and performance are subjected to change without prior information. For latest details, you may get in touch with our Branches. ** - Voltage required at motor input terminal during working time.

6" RADIAL FLOW BORE WELL SUBMERSIBLE PUMPSET (VBTRN SERIES)

PRODUCT FEATURES

Water filled water cooled electric motor as prime mover. | High quality Electrical grade Stamping used as Motor Core. | High wear resistant LTB-4 Bushes inside the Motor ensures longer life. | SS-202 Motor Body for better cooling and protection. | Cast Iron Diffusers and dynamically balanced SS Impellers. | Tilting type Stainless Steel Thrust Bearing with Carbon Pad. | SS-410 Motor Shaft & dynamically balanced Cu Brazed Rotor. | SS-410 Pump Shaft and Nitrile Rubber Journal Bushes in Pump side for trouble free working in sandy areas. | Higher Operating Efficiency. | Low Maintenance cost.

Specifications : Working Voltage Range: 250 - 440 V (VBTRNS), 200 - 400 V (VBTRN), 150 - 300 V (VBTRNL) **

Applications: Irrigation of farms, Agriculture use, Use at construction sites, Water supply to high rise buildings



Radial Flow Type 6" Borewell Submersible Pumps (Cu Brazed Rotor + SS Moulded Impeller)							Performance Chart							
* VBTRN-R0 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested	Discharge in LPM							
Model	Stage	HP	kW	(mm)	(A)		240	220	190	160	130	100	70	0
VBTRN-R0-030006 ♦	6	3.0	2.2	50	6.5	D.O.L.	10	19	32	42	50	56	59	61
VBTRN-R0-040008	8	4.0	3.0	50	8.5	D.O.L.	13	25	43	56	67	75	79	81
VBTRN-R0-050010	10	5.0	3.7	50	10	D.O.L.	17	32	53	70	83	93	98	102
VBTRN-R0-050012	12	5.0	3.7	50	10	D.O.L.	20	38	64	84	100	112	118	122
VBTRN-R0-060014	14	6.0	4.5	50	12	D.O.L.	23	44	75	98	117	131	138	142
VBTRN-R0-075016	16	7.5	5.5	50	14.5	D.O.L.	27	51	85	112	133	149	157	163
Head in Meter														

* VBTRN-R0 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested	Discharge in LPM							
Model	Stages	HP	kW	(mm)	(A)		240	220	190	160	130	100	70	0
VBTRN-R0-100020	20	10.0	7.5	50	19.5	Star-Delta	33	63	107	140	167	187	197	203
VBTRN-R0-100024	24	10.0	7.5	50	19.5	Star-Delta	40	76	128	168	200	224	236	244
VBTRN-R0-125025	25	12.5	9.3	50	25	Star-Delta	42	79	133	175	208	233	246	254
VBTRN-R0-125028	28	12.5	9.3	50	25	Star-Delta	47	89	149	196	233	261	275	285
VBTRN-R0-150030	30	15.0	11.0	50	29	Star-Delta	50	95	160	210	250	280	295	305
VBTRN-R0-150032	32	15.0	11.0	50	29	Star-Delta	53	101	171	224	267	299	315	325
VBTRN-R0-175036	36	17.5	13.0	50	34	Star-Delta	60	114	192	252	300	336	354	366
* VBTRN-R1 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested	Discharge in LPM							
Model	Stages	HP	kW	(mm)	(A)		320	295	250	205	160	115	70	0
VBTRN-R1-030004 ♦	4	3.0	2.2	50	6.5	D.O.L.	9	15	26	34	39	42	42	43
VBTRN-R1-030005 ♦	5	3.0	2.2	50	6.5	D.O.L.	11	19	32	42	49	52	53	54
VBTRN-R1-040006	6	4.0	3.0	50	8.5	D.O.L.	14	23	38	50	59	62	64	65
VBTRN-R1-050007 ♦	7	5.0	3.7	50	10	D.O.L.	16	27	46	60	68	72	73	74
VBTRN-R1-050008 ♦	8	5.0	3.7	50	10	D.O.L.	18	31	52	69	78	82	83	84
VBTRN-R1-060010	10	6.0	4.5	50	12	D.O.L.	23	39	65	86	98	103	104	105
VBTRN-R1-075012	12	7.5	5.5	50	14.5	D.O.L.	27	47	78	103	118	124	125	126
VBTRN-R1-100013 ♦	13	10.0	7.5	50	19.5	Star-Delta	29	51	85	112	128	134	135	137
VBTRN-R1-100014 ♦	14	10.0	7.5	50	19.5	Star-Delta	32	55	91	120	138	145	146	147
VBTRN-R1-100015 ♦	15	10.0	7.5	50	19.5	Star-Delta	34	59	98	129	148	155	156	158
VBTRN-R1-100016 ♦	16	10.0	7.5	50	19.5	Star-Delta	36	60	100	132	156	165	168	172
VBTRN-R1-125018	18	12.5	9.3	50	25	Star-Delta	41	68	112	148	176	185	190	194
VBTRN-R1-125020	20	12.5	9.3	50	25	Star-Delta	45	76	124	164	196	205	212	216
VBTRN-R1-150024	24	15.0	11.0	50	29	Star-Delta	54	91	149	197	235	246	254	259
VBTRN-R1-150025	25	15.0	11.0	50	29	Star-Delta	56	95	155	205	245	256	265	270
VBTRN-R1-175028	28	17.5	13.0	50	34	Star-Delta	63	106	174	230	274	287	297	302
VBTRN-R1-200030	30	20.0	15.0	50	39	Star-Delta	68	114	186	246	294	307	318	324
VBTRN-R1-200032	32	20.0	15.0	50	39	Star-Delta	72	122	198	262	314	327	339	346
VBTRN-R2 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested	Discharge in LPM							
Model	Stages	HP	kW	(mm)	(A)		240	220	190	160	130	100	70	0
VBTRN-R2-030006 ♦	6	3.0	2.2	50	6.5	D.O.L.	10	18	29	39	47	54	60	68
VBTRN-R2-040008	8	4.0	3.0	50	8.5	D.O.L.	13	24	39	53	63	72	80	90
VBTRN-R2-040010	10	4.0	3.0	50	8.5	D.O.L.	17	30	49	66	79	90	100	113
VBTRN-R2-050011 ♦	11	5.0	3.7	50	10	D.O.L.	18	31	51	70	85	99	109	124
VBTRN-R2-050012 ♦	12	5.0	3.7	50	10	D.O.L.	20	34	56	76	93	108	119	135
VBTRN-R2-060014	14	6.0	4.5	50	12	D.O.L.	23	40	65	89	109	126	139	158
VBTRN-R2-075015 ♦	15	7.5	5.5	50	14.5	D.O.L.	25	45	73	97	118	136	150	170
VBTRN-R2-075016 ♦	16	7.5	5.5	50	14.5	D.O.L.	27	45	77	104	126	144	160	181
VBTRN-R2-075017 ♦	17	7.5	5.5	50	14.5	D.O.L.	28	48	82	111	134	153	170	192
VBTRN-R2-075018 ♦	18	7.5	5.5	50	14.5	D.O.L.	30	52	87	117	141	162	180	204
VBTRN-R2-075020	20	7.5	5.5	50	14.5	D.O.L.	33	58	97	130	157	180	200	227
VBTRN-R2-100022	22	10.0	7.5	50	19.5	Star-Delta	37	64	107	143	173	198	220	250
VBTRN-R2-100024	24	10.0	7.5	50	19.5	Star-Delta	40	70	117	156	189	216	240	273
VBTRN-R2-125026	26	12.5	9.3	50	25	Star-Delta	43	76	127	169	205	234	260	296
VBTRN-R2-125028	28	12.5	9.3	50	25	Star-Delta	47	82	137	182	221	252	280	319
VBTRN-R2-150030	30	15.0	11.0	50	29	Star-Delta	50	88	147	195	237	270	300	342
VBTRN-R2-150034	34	15.0	11.0	50	29	Star-Delta	57	100	166	221	268	306	340	387
VBTRN-R2-175036	36	17.5	13.0	50	34	Star-Delta	60	106	176	234	284	324	360	410

VBTRN-R3 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested	Discharge in LPM							
Model	Stages	HP	kW	(mm)	(A)		220	200	170	140	110	80	50	0
VBTRN-R3-030008 ♦	8	3.0	2.2	50	6.5	D.O.L.	11	21	34	46	56	65	72	81
VBTRN-R3-040012	12	4.0	3.0	50	8.5	D.O.L.	17	32	51	69	84	98	108	122
VBTRN-R3-050014	14	5.0	3.7	50	10	D.O.L.	19	37	60	81	98	114	126	142
VBTRN-R3-060015 ♦	15	6.0	4.5	50	12	D.O.L.	21	39	64	86	105	122	135	152
VBTRN-R3-060016 ♦	16	6.0	4.5	50	12	D.O.L.	22	42	68	92	112	130	144	162
VBTRN-R3-060018 ♦	18	6.0	4.5	50	12	D.O.L.	25	47	77	104	126	146	162	182
VBTRN-R3-060020 ♦	20	6.0	4.5	50	12	D.O.L.	28	52	86	116	140	162	180	202
VBTRN-R3-075022	22	7.5	5.5	50	14.5	D.O.L.	30	58	94	127	154	179	198	223
VBTRN-R3-100026	26	10.0	7.5	50	19.5	Star-Delta	36	68	111	150	182	211	234	263
VBTRN-R3-100028	28	10.0	7.5	50	19.5	Star-Delta	39	74	119	161	296	228	252	284
VBTRN-R3-125030	30	12.5	9.3	50	25	Star-Delta	41	79	128	173	210	244	270	304
VBTRN-R3-125036	36	12.5	9.3	50	25	Star-Delta	50	95	153	207	252	293	324	365
VBTRN-R4 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested	Discharge in LPM							
Model	Stages	HP	kW	(mm)	(A)		520	475	425	375	325	275	225	0
VBTRN-R4-030003	3	3.0	2.2	50	6.5	D.O.L.	8	13	19	25	28	31	34	38
VBTRN-R4-040004	4	4.0	3.0	50	8.5	D.O.L.	10	18	25	33	38	42	45	50
VBTRN-R4-050005 ♦	5	5.0	3.7	50	10	D.O.L.	13	22	31	41	47	52	56	63
VBTRN-R4-060006	6	6.0	4.5	50	12	D.O.L.	16	26	37	49	56	62	67	76
VBTRN-R4-075007 ♦	7	7.5	5.5	50	14.5	D.O.L.	18	31	43	57	66	73	78	88
VBTRN-R4-075008 ♦	8	7.5	5.5	50	14.5	D.O.L.	21	35	50	66	75	83	90	101
VBTRN-R4-100009 ♦	9	10.0	7.5	50	19.5	Star-Delta	23	40	56	74	85	94	101	113
VBTRN-R4-100010 ♦	10	10.0	7.5	50	19.5	Star-Delta	26	44	62	82	94	104	112	126
VBTRN-R4-125012	12	12.5	9.3	50	25	Star-Delta	31	53	74	98	113	125	134	151
VBTRN-R4-150015	15	15.0	11.0	50	19.5	Star-Delta	39	66	93	123	141	156	168	189
VBTRN-R4-175016	16	17.5	13.0	50	34	Star-Delta	42	70	99	131	150	166	179	202
VBTRN-R4-200018	18	20.0	15.0	50	39	Star-Delta	47	79	112	148	169	187	202	227
VBTRN-R4-200020	20	20.0	15.0	50	39	Star-Delta	52	88	124	164	188	208	224	252
VBTRN-R4-250024	24	25.0	18.5	50	48	Star-Delta	62	106	149	197	226	250	269	302
VBTRN-R4-300030	30	30.0	22.5	50	57	Star-Delta	78	132	186	246	282	312	336	378
VBTRN-R5 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested	Discharge in LPM							
Model	Stages	HP	kW	(mm)	(A)		470	435	370	305	240	175	110	0
VBTRN-R5-030004	4	3.0	2.2	50	6.5	D.O.L.	9	16	26	33	38	41	43	45
VBTRN-R5-040005	5	4.0	3.0	50	8.5	D.O.L.	12	20	33	42	48	52	54	56
VBTRN-R5-050006 ♦	6	5.0	3.7	50	10	D.O.L.	14	24	39	50	57	62	65	67
VBTRN-R5-060008	8	6.0	4.5	50	12	D.O.L.	19	32	52	67	76	83	87	89
VBTRN-R5-075009 ♦	9	7.5	5.5	50	14.5	D.O.L.	21	36	59	75	86	93	98	101
VBTRN-R5-075010 ♦	10	7.5	5.5	50	14.5	D.O.L.	23	40	65	83	95	103	108	113
VBTRN-R5-100011 ♦	11	10.0	7.5	50	19.5	Star-Delta	26	44	72	92	105	114	119	123
VBTRN-R5-100012 ♦	12	10.0	7.5	50	19.5	Star-Delta	28	48	78	100	114	124	130	134
VBTRN-R5-125015	15	12.5	9.3	50	14.5	Star-Delta	35	60	99	124	144	154	163	167
VBTRN-R5-150018	18	15.0	11.0	50	29	Star-Delta	42	72	118	149	172	185	195	201
VBTRN-R5-175020	20	17.5	13.0	50	34	Star-Delta	47	80	131	166	191	206	217	223
VBTRN-R5-175022	22	17.5	13.0	50	34	Star-Delta	51	88	145	182	211	226	239	245
VBTRN-R5-200024	24	20.0	15.0	50	39	Star-Delta	56	96	158	199	230	247	261	267
VBTRN-R5-200026	26	20.0	15.0	50	39	Star-Delta	61	104	171	215	249	267	282	290
VBTRN-R5-250032	32	25.0	18.5	50	48	Star-Delta	75	128	210	265	306	329	347	357
VBTRN-R5-250036	36	25.0	18.5	50	48	Star-Delta	84	144	237	298	345	370	391	401





VBTRN-R6 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested	Discharge in LPM							
Model	Stages	HP	kW	(mm)	(A)		350	325	275	225	175	125	75	0
VBTRN-R6-030004	4	3.0	2.2	50	6.5	D.O.L.	7	12	21	29	35	39	42	44
VBTRN-R6-040006	6	4.0	3.0	50	8.5	D.O.L.	11	18	32	44	52	59	63	66
VBTRN-R6-050007 ♦	7	5.0	3.7	50	10	D.O.L.	12	21	37	51	61	69	74	77
VBTRN-R6-050008 ♦	8	5.0	3.7	50	10	D.O.L.	14	24	42	58	70	79	84	88
VBTRN-R6-060010	10	6.0	4.5	50	12	D.O.L.	18	30	53	73	88	99	105	110
VBTRN-R6-075012 ♦	12	7.5	5.5	50	14.5	D.O.L.	21	36	63	87	105	119	126	132
VBTRN-R6-100013 ♦	13	10.0	7.5	50	19.5	Star-Delta	23	39	68	94	114	128	137	143
VBTRN-R6-100014 ♦	14	10.0	7.5	50	19.5	Star-Delta	25	42	74	102	123	138	147	154
VBTRN-R6-100015 ♦	15	10.0	7.5	50	19.5	Star-Delta	26	45	79	109	131	148	158	165
VBTRN-R6-100016 ♦	16	10.0	7.5	50	19.5	Star-Delta	28	48	84	116	140	158	168	176
VBTRN-R6-125018	18	12.5	9.3	50	14.5	Star-Delta	32	54	95	131	158	178	189	198
VBTRN-R6-125020	20	12.5	9.3	50	14.5	Star-Delta	35	60	105	145	175	198	210	220
VBTRN-R6-150024	24	15.0	11.0	50	29	Star-Delta	42	72	126	174	210	237	252	264
VBTRN-R6-175028	28	17.5	13.0	50	34	Star-Delta	49	84	147	203	245	277	294	308
VBTRN-R6-200030	30	20.0	15.0	50	39	Star-Delta	53	90	158	218	263	296	315	330
VBTRN-R6-200032	32	20.0	15.0	50	39	Star-Delta	56	96	168	232	280	316	336	352

VBTRN-R7 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested	Discharge in LPM								
Model	Stages	HP	kW	(mm)	(A)		325	305	260	215	170	125	80	0	
VBTRN-R7-030005	5	3.0	2.2	50	6.5	D.O.L.	Head in Meter	8	13	24	33	40	46	51	57
VBTRN-R7-050010 ♦	10	5.0	3.7	50	10	D.O.L.		16	26	47	65	80	92	102	113
VBTRN-R7-060012	12	6.0	4.5	50	12	D.O.L.		19	31	56	78	96	110	122	136
VBTRN-R7-075014	14	7.5	5.5	50	14.5	D.O.L.		22	36	66	91	112	129	143	158
VBTRN-R7-100020	20	10.0	7.5	50	19.5	Star-Delta		32	52	94	130	160	184	204	226
VBTRN-R7-125024	24	12.5	9.3	50	25	Star-Delta		38	62	113	156	192	221	245	271
VBTRN-R7-150026	26	15.0	11.0	50	29	Star-Delta		42	68	122	169	208	239	265	294
VBTRN-R7-150028	28	15.0	11.0	50	29	Star-Delta		45	73	132	182	224	258	286	316
VBTRN-R7-175032	32	17.5	13.0	50	34	Star-Delta		51	83	150	208	256	294	326	362
VBTRN-R7-200036	36	20.0	15.0	50	39	Star-Delta		58	94	169	234	288	331	367	407
* VBTRN-R8 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested	Discharge in LPM								
Model	Stages	HP	kW	(mm)	(A)		150	140	120	100	80	60	40	0	
VBTRN-R8-030010	10	3.0	2.2	50	6.5	D.O.L.	Head in Meter	19	32	53	69	80	87	92	94
VBTRN-R8-040012	12	4.0	3.0	50	8.5	D.O.L.		23	38	64	83	96	104	110	113
VBTRN-R8-040015	15	4.0	3.0	50	8.5	D.O.L.		28	48	80	103	120	130	138	142
VBTRN-R8-050016 ♦	16	5.0	3.7	50	10	D.O.L.		30	51	85	110	128	139	147	151
VBTRN-R8-050017 ♦	17	5.0	3.7	50	10	D.O.L.		32	54	90	117	136	148	156	160
VBTRN-R8-050018 ♦	18	5.0	3.7	50	10	D.O.L.		34	57	95	124	144	157	165	170
VBTRN-R8-060020	20	6.0	4.5	50	12	D.O.L.		38	63	107	138	162	176	183	188
VBTRN-R8-075024 ♦	24	7.5	5.5	50	14.5	D.O.L.		45	76	128	166	194	211	220	226
VBTRN-R8-075025 ♦	25	7.5	5.5	50	14.5	D.O.L.		47	79	133	173	202	220	229	236
VBTRN-R8-075026 ♦	26	7.5	5.5	50	14.5	D.O.L.		49	83	138	180	210	228	239	245
VBTRN-R8-075027 ♦	27	7.5	5.5	50	14.5	D.O.L.		51	86	144	187	218	237	248	255
VBTRN-R8-075028 ♦	28	7.5	5.5	50	14.5	D.O.L.		53	89	149	194	226	246	257	264
VBTRN-R8-100030	30	10.0	7.5	50	19.5	Star-Delta		57	95	160	208	242	264	275	283
VBTRN-R8-100034	34	10.0	7.5	50	19.5	Star-Delta		64	108	181	236	274	299	312	321
VBTRN-R8-125036	36	12.5	9.3	50	25	Star-Delta		68	114	192	249	291	316	330	339
VBTRN-R1 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested		Discharge in LPM							
Model	Stages	HP	kW	(mm)	(A)		215	210	185	160	135	110	85	0	
VBTRN-R1-050020	20	5.0	3.7	50	10	D.O.L.	Head in Meter	24	42	68	91	111	129	144	173
VBTRN-R1-075029	29	7.5	5.5	50	14.5	D.O.L.		35	47	87	123	154	182	205	253
VBTRN-R2 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested	Discharge in LPM								
Model	Stages	HP	kW	(mm)	(A)		215	210	185	160	135	110	85	0	
VBTRN-R2-050025	25	5.0	3.7	50	10	D.O.L.	Head in Meter	29	43	69	94	117	138	157	211
VBTRN-R2-075035	35	7.5	5.5	50	14.5	D.O.L.		41	57	96	133	166	196	223	290

The performance data & technical Specifications given in this brochure are based on our lab tests conducted at standard conditions & rated voltage of 350 V, 50Hz. supply and are likely to change with various field conditions. Friction and flow losses in pipe fittings have not been calculated.

As improvements are made in design from time to time, specifications and performance are subjected to change without prior information. For latest details, you may get in touch with our Branches. ** - Voltage required at motor input terminal during working time.


 - Star rated models are also available ♦ - ISI Models * - SS Impeller & Noryl Diffuser

6" RADIAL FLOW BORE WELL SUBMERSIBLE PUMPSET (VBS6 SERIES - SINGLE PHASE)

PRODUCT FEATURES

Water filled water cooled electric motor as prime mover. | High quality Electrical grade Stamping used as Motor Core. | High wear resistant LTB-4 Bushes inside the Motor ensures longer life. | SS-202 Motor Body for better cooling and protection. | Cast Iron Diffusers and dynamically balanced SS Impellers. | Tilting type Stainless Steel Thrust Bearing with Carbon Pad. | SS-410 Motor Shaft & dynamically balanced Cu Brazed Rotor. | SS-410 Pump Shaft and Nitrile Rubber Journal Bushes in Pump side for trouble free working in sandy areas. | Higher Operating Efficiency. | Low Maintenance cost.



Specifications : | Version: Single phase 50Hz. AC Supply. | Working Voltage Range: 160 - 240 V**. | Type of Duty : S1 (Continuous). | Maximum Liquid temperature : 35°C. | Speed : 2800 RPM

Applications: Irrigation of farms, Agriculture use, Use at construction sites, Water supply to high rise buildings

Single Phase Radial Flow Type 6" Borewell Submersible Pumps																												
VBS6 SERIES								Performance Chart																				
Capacity		Pipe Size		Capacitor		Rated Current	Discharge in LPM																					
Model	Stages	HP	kW	(mm)	Starting (mfd)	Running (mfd)	(A)																					
VBS6-R3-050015	15	5.0	3.7	50	500	144	30	Head in Meter	190	170	150	130	110	90	70	50	30	0	31	44	59	73	86	98	111	121	131	142
VBS6-R3-075023	23	7.5	5.5	50	500	216	45		47	68	90	111	132	151	170	186	201	217										
VBS6-R3-075025	25	7.5	5.5	50	500	216	45		51	74	98	121	143	164	185	202	218	236										
								Discharge in LPM																				
								-	215	190	165	140	115	90	65	40	0											
VBS6-R2-050012	12	5.0	3.7	50	500	144	30	Head in Meter	-	35	54	72	87	100	112	120	127	133										
VBS6-R2-075015	15	7.5	5.5	50	500	216	45		-	44	68	90	109	125	140	150	159	166										
VBS6-R2-075020	20	7.5	5.5	50	500	216	45		-	58	90	120	145	167	187	200	212	222										
								Discharge in LPM																				
								300	270	240	210	180	150	120	90	60	0											
VBS6-R7-050010	10	5.0	3.7	50	500	144	30	Head in Meter	26	40	53	65	74	83	91	97	102	110										

The performance data & technical Specifications given in this brochure are based on our lab tests conducted at standard conditions & rated voltage of 230V, 50Hz in Single phase supply and are likely to change with various field conditions. Friction and flow losses in pipe fittings have not been calculated.

As improvements are made in design from time to time, specifications and performance are subjected to change without prior information. For latest details, you may get in touch with our Branches / Service centres. ** - Voltage required at motor input terminal during working time.

6" MIXED FLOW BORE WELL SUBMERSIBLE PUMPSET (VBTMN & VBTMNR SERIES)

PRODUCT FEATURES

Water cooled water lubricated Electric Motor as prime mover. | High quality Electrical grade Stamping used as Motor Core. | High wear resistant LTB-4 Bushes inside the Motor ensures longer life. | SS-202 Motor Body for better cooling and protection. | Dynamically balanced Rotor - vibration free longer life and better Efficiency. | Tilting type Stainless Steel Thrust Bearing with Carbon Pad. | SS-410 Motor Shaft & dynamically balanced Cu Brazed Rotor. | Energy efficient - saves power and electric bills. | Specially designed Thrust Bearing for lower power consumption. | Higher Operating Efficiency. | Low Maintenance cost & Noise free Operation.



Specifications : Working Voltage Range: 250 - 440 V (VBTMNS), 200 - 400 V (VBTMN), 150 - 300 V (VBTMNL) **

Applications: Water supply for industrial / commercial establishments and villages, Agriculture farms, Housing - Complexes, Hospitals, Multi story buildings and bungalows, Irrigation use, Use at Construction sites.

Mixed Flow Type 6" Borewell Submersible Pumps (Cu Brazed Rotor + SS Moulded Impeller)																									
VBTMN-M0 SERIES								Performance Chart																	
Capacity		Pipe Size		Rated Current	Panel Suggested	Discharge in LPM																			
Model	Stage	HP	kW	(mm)	(A)																				
VBTMN-M0-030003	3	3.0	2.2	65	6.5	D.O.L.	Head in Meter	-	660	600	540	480	420	360	300	0	-	11	15	18	20	23	24	26	30
VBTMN-M0-040004	4	4.0	3.0	65	8.5	D.O.L.		-	13	18	22	26	29	31	33	40									
VBTMN-M0-050005	5	5.0	3.7	65	10	D.O.L.		-	15	21	27	31	34	37	39	50									
VBTMN-M0-060006	6	6.0	4.5	65	12	D.O.L.		-	22	30	36	41	45	49	51	60									
VBTMN-M0-075008	8	7.5	5.5	65	14.5	D.O.L.		-	30	39	48	55	60	65	68	80									
VBTMN-M0-100010	10	10.0	7.5	65	19.5	Star-Delta		-	37	49	61	71	78	84	87	100									
VBTMN-M0-125012	12	12.5	9.3	65	25	Star-Delta		-	45	59	72	83	91	98	104	120									




VBTMN-M0 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested	Discharge in LPM									
Model	Stages	HP	kW	(mm)	(A)		-	660	600	540	480	420	360	300	0	
VBTMN-M0-150014	14	15.0	11.0	65	29	Star-Delta	Head in Meter	-	52	69	83	95	106	115	121	140
VBTMN-M0-150015	15	15.0	11.0	65	29	Star-Delta		-	56	74	89	102	113	121	128	150
VBTMN-M0-175016	16	17.5	13.0	65	34	Star-Delta		-	59	81	99	113	125	133	139	160
VBTMN-M0-175017	17	17.5	13.0	65	34	Star-Delta		-	63	85	104	119	132	141	147	170
VBTMN-M0-200018	18	20.0	15.0	65	39	Star-Delta		-	67	90	110	126	140	149	156	180
VBTMN-M0-200020	20	20.0	15.0	65	39	Star-Delta		-	74	99	119	136	150	162	171	200
VBTMN-M1 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested	Discharge in LPM									
Model	Stages	HP	kW	(mm)	(A)		930	855	780	705	630	555	480	405	0	
VBTMN-M1-030002 ♣	2	3.0	2.2	65	6.5	D.O.L.	Head in Meter	-	6	9	11	13	15	17	18	22
VBTMN-M1-040003 ♣	3	4.0	3.0	65	8.5	D.O.L.		-	10	14	17	20	23	25	27	33
VBTMN-M1-050004 ♣ ♣	4	5.0	3.7	65	10	D.O.L.		-	15	19	24	27	30	33	36	44
VBTMN-M1-060005 ♣ ♣	5	6.0	4.5	65	12	D.O.L.		-	18	23	28	32	37	40	44	55
VBTMN-M1-075006 ♣ ♣	6	7.5	5.5	65	14.5	D.O.L.		12	20	27	33	40	45	49	53	66
VBTMN-M1-100007 ♣ ♣	7	10.0	7.5	65	19.5	Star-Delta		14	23	31	39	47	53	59	63	77
VBTMN-M1-100008 ♣ ♣	8	10.0	7.5	65	19.5	Star-Delta		19	28	37	46	53	61	67	72	88
VBTMN-M1-125009 ♣	9	12.5	9.3	65	25	Star-Delta		25	37	47	57	63	69	75	81	99
VBTMN-M1-125010 ♣	10	12.5	9.3	65	25	Star-Delta		28	41	53	64	72	79	85	90	110
VBTMN-M1-150012 ♣	12	15.0	11.0	65	29	Star-Delta		30	42	56	69	80	89	97	103	131
VBTMN-M1-175014	14	17.5	13.0	65	34	Star-Delta		35	50	66	81	93	104	113	121	150
VBTMN-M1-200015 ♣	15	20.0	15.0	65	39	Star-Delta		37	53	70	85	99	110	120	130	160
VBTMN-M1-200016 ♣	16	20.0	15.0	65	39	Star-Delta		38	54	72	88	103	115	125	134	171
VBTMN-M1-225018	18	22.5	16.8	65	44	Star-Delta		51	73	96	116	127	140	150	158	196
VBTMN-M1-250018	18	25.0	18.5	65	48	Star-Delta		51	73	96	116	127	140	150	158	196
VBTMN-M1-250020 ♣	20	25.0	18.5	65	48	Star-Delta		57	81	107	129	141	156	167	176	218

VBTMN-M2 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested	Discharge in LPM								
Model	Stages	HP	kW	(mm)	(A)		960	880	800	720	640	560	480	400	0
VBTMN-M2-030002	2	3.0	2.2	80	6.5	D.O.L.	-	9	13	15	17	19	20	21	26
VBTMN-M2-050003	3	5.0	3.7	80	10	D.O.L.	-	14	18	21	24	26	27	29	38
VBTMN-M2-060004	4	6.0	4.5	80	12	D.O.L.	13	19	23	28	31	34	37	39	51
VBTMN-M2-075005	5	7.5	5.5	80	14.5	D.O.L.	16	23	29	35	39	43	46	48	62
VBTMN-M2-100006	6	10.0	7.5	80	19	Star-Delta	22	29	35	42	48	52	56	60	79
VBTMN-M2-100007	7	10.0	7.5	80	19	Star-Delta	27	35	42	50	56	61	65	68	83
VBTMN-M2-125008	8	12.5	9.3	80	25	Star-Delta	31	40	48	58	65	71	75	79	98
VBTMN-M2-150009	9	15.0	11.0	80	29	Star-Delta	34	44	54	65	73	80	84	89	110
VBTMN-M2-150010	10	15.0	11.0	80	29	Star-Delta	38	50	62	73	81	89	94	99	123
VBTMN-M2-175012	12	17.5	13.0	80	34	Star-Delta	45	60	74	87	98	107	113	120	158
VBTMN-M2-200014	14	20.0	15.0	80	39	Star-Delta	53	70	87	102	114	122	130	136	168
VBTMN-M2-225016	16	22.5	16.8	80	44	Star-Delta	60	80	99	116	130	139	149	155	195
VBTMN-M2-275018	18	27.5	20.5	80	53	Star-Delta	68	90	112	131	146	157	167	175	219
VBTMN-M2-300020	20	30.0	22.5	80	57	Star-Delta	76	100	124	145	163	174	186	194	244
VBTMN-M3 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested	Discharge in LPM								
Model	Stages	HP	kW	(mm)	(A)		960	880	800	720	640	560	480	400	0
VBTMN-M3-040002	2	4.0	3.0	80	8.5	D.O.L.	-	10	13	15	17	18	19	21	26
VBTMN-M3-050003	3	5.0	3.7	80	10	D.O.L.	-	14	18	21	23	25	27	29	38
VBTMN-M3-075004	4	7.5	5.5	80	14.5	D.O.L.	13	19	24	28	31	34	36	39	50
VBTMN-M3-075005	5	7.5	5.5	80	14.5	D.O.L.	16	23	30	35	39	43	46	49	63
VBTMN-M3-100006	6	10.0	7.5	80	19	Star-Delta	22	29	36	42	48	53	57	61	79
VBTMN-M3-125007	7	12.5	9.3	80	25	Star-Delta	26	34	42	49	56	60	64	67	83
VBTMN-M3-125008	8	12.5	9.3	80	25	Star-Delta	31	40	49	57	65	70	74	78	98
VBTMN-M3-150009	9	15.0	11.0	80	29	Star-Delta	34	44	54	64	73	79	83	88	110
VBTMN-M3-175010	10	17.5	13.0	80	34	Star-Delta	38	49	60	71	81	88	93	98	123
VBTMN-M3-200012	12	20.0	15.0	80	39	Star-Delta	45	59	72	86	98	105	112	121	158
VBTMN-M3-250014	14	25.0	18.5	80	48	Star-Delta	53	68	84	101	114	123	129	136	166
VBTMN-M3-275016	16	27.5	20.5	80	53	Star-Delta	62	80	97	115	130	140	148	157	198
VBTMN-M3-300018	18	30.0	22.5	80	57	Star-Delta	68	88	107	129	146	158	167	177	223
VBTMN-M4 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested	Discharge in LPM								
Model	Stages	HP	kW	(mm)	(A)		1050	950	850	750	650	550	450	400	0
VBTMN-M4-040002	2	4.0	3.0	80	8.5	D.O.L.	11	12	14	16	17	18	19	20	23
VBTMN-M4-060003	3	6.0	4.5	80	12	D.O.L.	18	21	23	25	26	28	29	30	34
VBTMN-M4-075004	4	7.5	5.5	80	14.5	D.O.L.	24	27	30	33	35	37	38	40	46
VBTMN-M4-100005	5	10.0	7.5	80	19	Star-Delta	30	35	39	42	44	46	48	49	58
VBTMN-M4-125006	6	12.5	9.3	80	25	Star-Delta	36	41	46	49	53	55	58	59	68
VBTMN-M4-150007	7	15.0	11.0	80	29	Star-Delta	42	48	53	58	62	64	67	69	79
VBTMN-M4-150008	8	15.0	11.0	80	29	Star-Delta	48	55	61	66	70	73	77	79	91
VBTMN-M4-175009	9	17.5	13.0	80	34	Star-Delta	54	62	68	74	79	83	87	89	102
VBTMN-M4-200010	10	20.0	15.0	80	39	Star-Delta	60	69	77	83	88	92	96	98	113
VBTMN-M4-250012	12	25.0	18.5	80	48	Star-Delta	72	84	92	100	106	110	115	118	136
VBTMN-M4-275014	14	27.5	20.5	80	53	Star-Delta	84	98	108	116	123	129	135	138	159
VBTMN-M4-300015	15	30.0	22.5	80	57	Star-Delta	90	105	116	125	132	138	144	148	170
VBTMN-M5 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested	Discharge in LPM								
Model	Stages	HP	kW	(mm)	(A)		1200	1100	1000	900	800	700	600	500	0
VBTMN-M5-050002	2	5.0	3.7	80	10	D.O.L.	9	11	13	15	16	17	18	19	24
VBTMN-M5-075003	3	7.5	5.5	80	14.5	D.O.L.	14	17	20	22	24	26	27	29	36
VBTMN-M5-100004	4	10.0	7.5	80	19	Star-Delta	18	24	27	29	32	35	37	39	48
VBTMN-M5-125005	5	12.5	9.3	80	25	Star-Delta	23	29	34	37	40	44	46	49	60
VBTMN-M5-150006	6	15.0	11.0	80	29	Star-Delta	28	35	41	44	48	53	56	59	72

VBTMN-M5 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested		Discharge in LPM								
Model	Stages	HP	kW	(mm)	(A)			1200	1100	1000	900	800	700	600	500	0
VBTMN-M5-175007	7	17.5	13.0	80	34	Star-Delta	Head in Meter	32	41	47	52	56	61	65	68	84
VBTMN-M5-200008	8	20.0	15.0	80	39	Star-Delta		37	47	54	59	64	70	74	78	96
VBTMN-M5-225009	9	22.5	16.8	80	44	Star-Delta		42	53	61	66	72	79	83	88	108
VBTMN-M5-250010	10	25.0	18.5	80	48	Star-Delta		46	59	68	74	80	88	93	98	120
VBTMN-M5-275011	11	27.5	20.5	80	53	Star-Delta		51	65	74	81	88	96	102	107	132
VBTMN-M5-300012	12	30.0	22.5	80	57	Star-Delta		55	71	81	88	96	105	111	117	144

The performance data & technical Specifications given in this brochure are based on our lab tests conducted at standard conditions & rated voltage of 350 V, 50Hz. supply and are likely to change with various field conditions. Friction and flow losses in pipe fittings have not been calculated.

As improvements are made in design from time to time, specifications and performance are subjected to change without prior information. For latest details, you may get in touch with our Branches. ** - Voltage required at motor input terminal during working time.

 - Star rated models are also available ♦ - ISI Models † - VBTMNR Models

MIXED FLOW BOREWELL SUBMERSIBLE PUMPSET (VBTMN 76 SERIES - JANTA MODELS)

PRODUCT FEATURES

Water cooled water lubricated Electric Motor as prime mover. | High quality Electrical grade Stamping used as Motor Core. | High wear resistant LTB-4 Bushes inside the Motor ensures longer life. | SS-202 Motor Body for better cooling and protection. | Dynamically balanced Rotor - vibration free longer life and better Efficiency. | Tilting type Stainless Steel Thrust Bearing with Carbon Pad. | SS-410 Motor Shaft & dynamically balanced Cu Brazed Rotor. | Energy efficient - saves power and electric bills. | Specially designed Thrust Bearing for lower power consumption. | Higher Operating Efficiency. | Low Maintenance cost & Noise free Operation.



Specifications : Working Voltage Range: 250 - 440 V (VBTMN76S), 200 - 400 V (VBTMN76), 150 - 300 V (VBTMN76L) **

Applications: Irrigation of farms, Agriculture use, Use at construction sites, Water supply to high rise buildings

Mixed Flow Type Borewell Submersible Pumps (Cu Brazed Rotor + SS Moulded Impeller)															
VBTMN76-M1 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested		Performance Chart							
Model	Stage	HP	kW	(mm)	(A)			Discharge in LPM							
							Head in Meter	1100	980	860	740	620	500	380	0
VBTMN76-M1-040002	2	4.0	3.0	100	8.5	D.O.L.		13	18	18	19	20	21	22	26
VBTMN76-M1-060003	3	6.0	4.5	100	12	D.O.L.		20	26	27	29	30	32	33	39
VBTMN76-M1-075004	4	7.5	5.5	100	14.5	D.O.L.		26	35	36	38	40	42	44	52
VBTMN76-M2 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested		Discharge in LPM							
Model	Stages	HP	kW	(mm)	(A)			Discharge in LPM							
							Head in Meter	1350	1220	1090	960	830	700	570	0
VBTMN76-M2-050002	2	5.0	3.7	100	10	D.O.L.		11	14	17	19	21	22	23	28
VBTMN76-M2-075003	3	7.5	5.5	100	14.5	D.O.L.		18	22	26	29	32	34	36	44
VBTMN76-M2-100004	4	10.0	7.5	100	19.5	Star-Delta		22	28	34	38	42	44	46	56
VBTMN76-M3 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested		Discharge in LPM							
Model	Stages	HP	kW	(mm)	(A)			Discharge in LPM							
							Head in Meter	1510	1330	1150	970	790	610	430	0
VBTMN76-M3-060002	2	6.0	4.5	100	12	D.O.L.		10	15	19	22	24	26	28	31
VBTMN76-M3-100003	3	10.0	7.5	100	19.5	Star-Delta		15	23	29	33	36	39	42	47
VBTMN76-M3-125004	4	12.5	9.3	100	25	Star-Delta		20	30	38	44	48	52	56	62
VBTMN76-M3-150005	5	15.0	11.0	100	29	Star-Delta		25	38	48	55	60	65	70	78
VBTMN76-M4 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested		Discharge in LPM							
Model	Stages	HP	kW	(mm)	(A)			Discharge in LPM							
							Head in Meter	1750	1550	1350	1150	950	750	550	0
VBTMN76-M4-075002	2	7.5	5.5	100	14.5	D.O.L.		10	16	20	24	27	29	31	37
VBTMN76-M4-100003	3	10.0	7.5	100	19.5	Star-Delta		19	27	34	40	43	46	49	57
VBTMN76-M4-150004	4	15.0	11.0	100	29	Star-Delta		25	36	45	53	58	61	66	76
VBTMN76-M4-200005	5	20.0	15.0	100	39	Star-Delta		31	45	56	66	72	76	82	95

VBTMN76-M5 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested		Discharge in LPM							
Model	Stages	HP	kW	(mm)	(A)			1700	1500	1300	1100	900	700	500	0
VBTMN76-M5-125003	3	12.5	9.3	100	25	Star-Delta	Head in Meter	22	30	36	41	45	49	52	60
VBTMN76-M5-175004	4	17.5	13.0	100	34	Star-Delta		29	40	48	55	60	65	69	80
VBTMN76-M6 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested		Discharge in LPM							
Model	Stages	HP	kW	(mm)	(A)			1700	1500	1300	1100	900	700	500	0
VBTMN76-M6-100002	2	10.0	7.5	100	19.5	Star-Delta	Head in Meter	16	21	25	29	32	34	36	42
VBTMN76-M6-150003	3	15.0	11.0	100	29	Star-Delta		24	32	38	44	48	51	54	63
VBTMN76-M6-200004	4	20.0	15.0	100	39	Star-Delta		32	42	50	58	64	68	72	84
VBTMN76-M6-250005	5	25.0	18.5	100	48	Star-Delta		40	53	63	73	80	85	90	105

The performance data & technical Specifications given in this brochure are based on our lab tests conducted at standard conditions & rated voltage of 350 V, 50Hz. supply and are likely to change with various field conditions. Friction and flow losses in pipe fittings have not been calculated.

As improvements are made in design from time to time, specifications and performance are subjected to change without prior information. For latest details, you may get in touch with our Branches. ** - Voltage required at motor input terminal during working time.

8" BOREWELL SUBMERSIBLE PUMPSET

PRODUCT FEATURES

Water cooled water lubricated Electric Motor as prime mover. | High quality Electrical grade Stamping used as Motor Core. | Special LTB-4 Bushes & Nitrile Rubber Bushes inside the Motor for higher wear resistance and longer life. | Specially designed Nitrile Rubber pressure Diaphragm to compensate the excess pressure generating inside the Motor, while working. | High grade Cast Iron made Bowls and Housings. | Dynamically balanced SS-410 Radial/Mixed Flow Impellers. | Tilting type SS-420 Thrust Bearing with Carbon Polymer composition Pad for smooth running. | SS-420 Motor Shaft & dynamically balanced Cu Brazed Rotor. | SS-410 Pump Shaft and MS + Nitrile Rubber Journal Bushes in Pump side for trouble free working in sandy areas. | Higher Operating Efficiency & Low Maintenance cost.

Specifications : | Version: Three phase 50Hz. AC Supply. | Type of Duty : S1 (Continuous) | Maximum Liquid temperature : 35°C. | Speed : 2800 RPM



8" RADIAL FLOW BORE WELL SUBMERSIBLE PUMPSET (VBT8R SERIES)

Specifications : Working Voltage Range: 350 - 415 V**

Applications: Irrigation of farms, Agriculture use, Use at construction sites, Water supply to high rise buildings

Radial Flow Type 8" Borewell Submersible Pumps (Cu Brazed Rotor + SS Moulded Impeller)															
VBT8R1 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested	Performance Chart								
Model	Stages	HP	kW	(mm)	(A)		Discharge in LPM								
								870	770	670	570	470	370	270	0
VBT8R1-10004	4	10.0	7.5	80	19.5	Star-Delta	Head in Meter	29	42	52	60	66	70	72	77
VBT8R1-12505	5	12.5	9.3	80	25	Star-Delta		37	53	66	75	82	87	90	97
VBT8R1-15006	6	15.0	11.0	80	29	Star-Delta		44	64	79	90	98	104	108	116
VBT8R1-17507	7	17.5	13.0	80	34	Star-Delta		51	74	92	105	115	122	126	135
VBT8R1-20008	8	20.0	15.0	80	39	Star-Delta		58	85	105	120	131	139	144	154
VBT8R1-25009	9	25.0	18.5	80	48	Star-Delta		66	95	118	135	148	157	162	174
VBT8R1-25010	10	25.0	18.5	80	48	Star-Delta		73	106	131	150	164	174	180	193
VBT8R1-30011	11	30.0	22.5	80	57	Star-Delta		80	117	144	165	180	191	198	212
VBT8R1-30012	12	30.0	22.5	80	57	Star-Delta		88	127	157	180	197	209	216	232
VBT8R1-35013	13	35.0	26.0	80	66	Star-Delta		95	138	170	195	213	226	234	251
VBT8R1-35014	14	35.0	26.0	80	66	Star-Delta		102	148	183	210	230	244	252	270
VBT8R1-40015	15	40.0	30.0	80	76	Star-Delta		110	159	197	225	246	261	270	290
VBT8R1-40016	16	40.0	30.0	80	76	Star-Delta		117	170	210	240	262	278	288	309
VBT8R1-45017	17	45.0	33.0	80	80	Star-Delta		124	180	223	255	279	296	306	328
VBT8R1-45018	18	45.0	33.0	80	80	Star-Delta		131	191	236	270	295	313	324	347
VBT8R1-50020	20	50.0	37.5	80	85	Star-Delta		146	212	262	300	328	348	360	386

VBT8R2 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested		Discharge in LPM								
Model	Stages	HP	kW	(mm)	(A)			1000	900	800	700	600	500	400	0	
VBT8R2-12504	4	12.5	9.3	80	25	Star-Delta	Head in Meter	25	38	47	55	61	65	68	76	
VBT8R2-15005	5	15.0	11.0	80	29	Star-Delta		31	47	59	69	76	81	85	95	
VBT8R2-17506	6	17.5	13.0	80	34	Star-Delta		37	56	70	82	91	97	102	114	
VBT8R2-20007	7	20.0	15.0	80	39	Star-Delta		43	66	82	96	106	113	119	133	
VBT8R2-25008	8	25.0	18.5	80	48	Star-Delta		50	75	94	110	122	130	136	152	
VBT8R2-30010	10	30.0	22.5	80	57	Star-Delta		62	94	117	137	152	162	170	190	
VBT8R2-35012	12	35.0	26.0	80	66	Star-Delta		74	113	140	164	182	194	204	228	
VBT8R2-35013	13	35.0	26.0	80	66	Star-Delta		81	122	152	178	198	211	221	247	
VBT8R2-40013	13	40.0	30.0	80	76	Star-Delta		81	122	152	178	198	211	221	247	
VBT8R2-40014	14	40.0	30.0	80	76	Star-Delta		87	132	164	192	213	227	238	266	
VBT8R2-45015	15	45.0	33.0	80	80	Star-Delta		93	141	176	206	228	243	255	285	
VBT8R2-50016	16	50.0	37.5	80	85	Star-Delta		99	150	187	219	243	259	272	304	
VBT8R2-55018	18	55.0	41.0	80	93	Star-Delta		112	169	211	247	274	292	306	342	
VBT8R2-60020	20	60.0	45.0	80	100	Star-Delta		124	188	234	274	304	324	340	380	
VBT8R3 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested		Discharge in LPM								
Model	Stages	HP	kW	(mm)	(A)			1010	880	750	620	490	360	230	0	
VBT8R3-15004	4	15.0	11.0	80	29	Star-Delta	Head in Meter	39	51	60	66	70	73	75	79	
VBT8R3-17505	5	17.5	13.0	80	34	Star-Delta		49	64	75	83	88	91	94	99	
VBT8R3-20006	6	20.0	15.0	80	39	Star-Delta		58	76	90	99	105	109	113	119	
VBT8R3-25007	7	25.0	18.5	80	48	Star-Delta		68	89	105	116	123	127	132	139	
VBT8R3-30008	8	30.0	22.5	80	57	Star-Delta		78	102	120	132	140	146	150	158	
VBT8R3-30009	9	30.0	22.5	80	57	Star-Delta		87	114	135	149	158	164	169	178	
VBT8R3-35010	10	35.0	26.0	80	66	Star-Delta		97	127	150	165	175	182	188	198	
VBT8R3-40011	11	40.0	30.0	80	76	Star-Delta		107	140	165	182	193	200	207	218	
VBT8R3-40012	12	40.0	30.0	80	76	Star-Delta		116	152	180	198	210	218	226	238	
VBT8R3-50013	13	50.0	37.5	80	85	Star-Delta		126	165	195	215	228	237	244	257	
VBT8R3-50014	14	50.0	37.5	80	85	Star-Delta		136	178	210	231	245	255	263	277	
VBT8R3-55015	15	55.0	41.0	80	93	Star-Delta		146	191	225	248	263	273	282	297	
VBT8R4 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested			Discharge in LPM							
Model	Stages	HP	kW	(mm)	(A)				1060	940	820	700	580	460	340	0
VBT8R4-12503	3	12.5	9.3	80	25	Star-Delta	Head in Meter	25	39	47	53	56	58	59	62	
VBT8R4-17504	4	17.5	13.0	80	34	Star-Delta		33	52	63	70	74	77	79	83	
VBT8R4-20005	5	20.0	15.0	80	39	Star-Delta		41	65	79	88	93	97	99	104	
VBT8R4-25006	6	25.0	18.5	80	48	Star-Delta		49	78	95	105	112	116	118	124	
VBT8R4-30007	7	30.0	22.5	80	57	Star-Delta		57	91	111	123	130	135	138	145	
VBT8R4-35008	8	35.0	26.0	80	66	Star-Delta		66	104	126	140	149	154	158	166	
VBT8R4-40009	9	40.0	30.0	80	76	Star-Delta		74	117	142	158	167	174	177	186	
VBT8R4-40010	10	40.0	30.0	80	76	Star-Delta		82	130	158	175	186	193	197	207	
VBT8R4-50012	12	50.0	37.5	80	85	Star-Delta		98	156	190	210	223	232	236	248	
VBT8R4-55013	13	55.0	41.0	80	93	Star-Delta		107	169	205	228	242	251	256	269	
VBT8R4-60014	14	60.0	45.0	80	100	Star-Delta		115	182	221	245	260	270	276	290	
VBT8R4-60015	15	60.0	45.0	80	100	Star-Delta		123	195	237	263	279	290	296	311	
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.																
As improvements are made in design from time to time, specifications and performance are subjected to change without prior information. For latest details, you may get in touch with our Branches.								** - Voltage required at motor input terminal during working time.								



8" MIXED FLOW BORE WELL SUBMERSIBLE PUMPSET (VBT8M SERIES)

Specifications : Working Voltage Range: 350 - 415 V**

Applications: Irrigation of farms, Agriculture use, Use at construction sites, Water supply to high rise buildings

Mixed Flow Type 8" Borewell Submersible Pumps (Cu Brazed Rotor + SS Moulded Impeller)

VBT8M0 SERIES							Performance Chart													
Capacity		Pipe Size	Rated Current	Panel Suggested	Discharge in LPM															
Model	Stages	HP	kW	(mm)	(A)															
VBT8M0-15004	4	15.0	11.0	100	29	Star-Delta	26	33	39	44	49	54	59	64	68	72	104			
VBT8M0-20005	5	20.0	15.0	100	39	Star-Delta	33	41	49	55	61	68	74	80	85	90	130			
VBT8M0-25006	6	25.0	18.5	100	48	Star-Delta	42	52	61	69	77	84	92	99	105	111	156			
VBT8M0-30008	8	30.0	22.5	100	57	Star-Delta	52	66	78	88	98	108	118	128	136	144	208			
VBT8M0-40010	10	40.0	30.0	100	76	Star-Delta	70	87	102	115	128	140	153	165	175	185	259			
VBT8M0-45012	12	45.0	33.0	100	80	Star-Delta	83	104	122	138	154	168	184	198	210	222	311			
VBT8M0-50012	12	50.0	37.5	100	85	Star-Delta	84	105	123	139	155	169	185	199	211	223	312			
VBT8M1 SERIES							Discharge in LPM													
Capacity		Pipe Size	Rated Current	Panel Suggested																
Model	Stages	HP	kW	(mm)	(A)															
VBT8M1-10002	2	10.0	7.5	100	19.5	Star-Delta	15	19	22	25	28	30	33	35	38	40	56			
VBT8M1-15003	3	15.0	11.0	100	29	Star-Delta	23	29	33	37	41	45	49	53	57	60	84			
VBT8M1-20004	4	20.0	15.0	100	39	Star-Delta	30	38	44	50	55	60	66	71	75	80	112			
VBT8M1-25005	5	25.0	18.5	100	48	Star-Delta	38	48	55	62	69	75	82	88	94	100	140			
VBT8M1-30006	6	30.0	22.5	100	57	Star-Delta	45	58	66	74	83	90	98	106	113	120	168			
VBT8M1-35007	7	35.0	26.0	100	66	Star-Delta	53	67	77	87	96	106	115	123	132	140	196			

VBT8M1 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested		Discharge in LPM										
Model	Stages	HP	kW	(mm)	(A)			1310	1230	1150	1070	990	910	830	750	670	590	0
VBT8M1-40008	8	40.0	30.0	100	76	Star-Delta	Head in Meter	60	77	88	99	110	121	131	141	151	161	224
VBT8M1-50010	10	50.0	37.5	100	85	Star-Delta		75	96	110	124	138	151	164	176	189	201	280
VBT8M1-60012	12	60.0	45.0	100	100	Star-Delta		90	115	132	149	165	181	197	212	226	241	336
VBT8M2 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested		Discharge in LPM										
Model	Stages	HP	kW	(mm)	(A)			1710	1590	1470	1350	1230	1110	990	870	750	630	0
VBT8M2-12502	2	12.5	9.3	100	25	Star-Delta	Head in Meter	16	20	24	28	31	34	36	38	40	43	53
VBT8M2-20003	3	20.0	15.0	100	39	Star-Delta		26	33	39	44	48	52	56	59	62	66	81
VBT8M2-25004	4	25.0	18.5	100	48	Star-Delta		35	44	52	59	64	69	75	79	83	88	108
VBT8M2-35005	5	30.0	22.5	100	66	Star-Delta		40	52	62	70	76	83	89	94	100	106	135
VBT8M2-35006	6	35.0	26.0	100	66	Star-Delta		48	62	74	85	93	101	109	115	122	128	158
VBT8M2-40006	6	40.0	30.0	100	76	Star-Delta		51	64	76	87	95	103	112	118	125	131	161
VBT8M2-50008	8	50.0	37.5	100	85	Star-Delta		68	85	101	116	127	137	149	157	167	175	215
VBT8M2-60010	10	60.0	45.0	100	100	Star-Delta		80	102	122	140	153	168	182	193	203	215	269
VBT8M2-65011	11	65.0	49.0	100	104	Star-Delta		88	112	134	154	168	185	200	212	223	237	296
VBT8M2-75012	12	75.0	56.0	100	120	Star-Delta		96	122	146	168	184	202	218	232	244	258	323
VBT8M3 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested			Discharge in LPM									
Model	Stages	HP	kW	(mm)	(A)		1430		1340	1250	1160	1070	980	890	800	710	620	0
VBT8M3-12503	3	12.5	9.3	80	25	Star-Delta	Head in Meter	17	25	32	36	40	43	45	47	49	50	59
VBT8M3-20005	5	20.0	15.0	80	39	Star-Delta		28	42	53	60	66	71	75	78	81	83	99
VBT8M3-40010	10	40.0	30.0	80	76	Star-Delta		57	83	105	120	132	142	150	157	162	167	198
VBT8M3-50013	13	50.0	37.5	80	85	Star-Delta		74	108	137	156	171	184	195	204	210	217	258
VBT8M3-60015	15	60.0	45.0	80	100	Star-Delta		85	125	158	180	198	213	225	235	243	250	297
VBT8M4 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested		Discharge in LPM										
Model	Stages	HP	kW	(mm)	(A)			2030	1890	1750	1610	1470	1330	1190	1050	910	770	0
VBT8M4-15002	2	15.0	11.0	125	29	Star-Delta	Head in Meter	16	20	24	27	30	33	35	37	39	40	47
VBT8M4-20003	3	20.0	15.0	125	39	Star-Delta		23	29	34	39	43	47	51	54	56	58	71
VBT8M4-30004	4	30.0	22.5	125	57	Star-Delta		32	40	47	54	60	65	70	74	78	81	94
VBT8M4-35005	5	35.0	26.0	125	66	Star-Delta		40	50	59	68	75	81	88	93	98	101	118
VBT8M4-45006	6	45.0	33.0	125	80	Star-Delta		48	60	71	81	90	98	105	111	117	122	141
VBT8M4-50007	7	50.0	37.5	125	85	Star-Delta		56	70	82	95	105	114	123	130	137	142	165
VBT8M4-60008	8	60.0	45.0	125	100	Star-Delta		64	80	94	108	120	130	140	148	156	162	188
VBT8M4-70010	10	70.0	52.0	125	112	Star-Delta		80	100	118	135	150	163	175	185	195	203	235
VBT8M5 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested		Discharge in LPM										
Model	Stages	HP	kW	(mm)	(A)			2200	2060	1920	1780	1640	1500	1360	1220	1080	940	0
VBT8M5-15002	2	15.0	11.0	125	29	Star-Delta	Head in Meter	15	21	24	26	29	31	32	34	35	37	49
VBT8M5-25003	3	25.0	18.5	125	48	Star-Delta		24	33	38	42	45	49	52	55	57	59	73
VBT8M5-35004	4	35.0	26.0	125	66	Star-Delta		32	45	51	56	61	65	69	73	76	79	97
VBT8M5-45005	5	45.0	33.0	125	80	Star-Delta		40	56	63	70	76	81	87	92	95	98	121
VBT8M5-50006	6	50.0	37.5	125	85	Star-Delta		48	67	76	84	92	97	104	110	114	118	146
VBT8M5-65008	8	65.0	49.0	125	104	Star-Delta		64	89	101	112	122	130	139	147	152	157	194
VBT8M5-75009	9	75.0	56.0	125	120	Star-Delta		72	100	114	126	137	146	156	165	171	177	219
VBT8M6 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested		Discharge in LPM										
Model	Stages	HP	kW	(mm)	(A)			2330	2190	2050	1910	1770	1630	1490	1350	1210	1070	0
VBT8M6-20002	2	20.0	15.0	125	39	Star-Delta	Head in Meter	17	24	28	31	34	36	38	40	42	44	53
VBT8M6-30003	3	30.0	22.5	125	57	Star-Delta		26	36	42	47	51	54	57	60	63	66	80
VBT8M6-40004	4	40.0	30.0	125	76	Star-Delta		34	48	56	62	68	72	76	80	84	88	107
VBT8M6-45005	5	45.0	33.0	125	80	Star-Delta		42	59	69	77	84	89	94	99	104	109	132
VBT8M6-50005	5	50.0	37.5	125	85	Star-Delta		43	60	70	78	85	90	95	100	105	110	135
VBT8M6-60006	6	60.0	45.0	125	100	Star-Delta		52	72	84	94	102	108	114	120	126	132	162
VBT8M6-75008	8	75.0	56.0	125	120	Star-Delta		69	96	112	125	136	144	152	160	168	176	216

VBT8M7 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested	Discharge in LPM										
Model	Stages	HP	kW	(mm)	(A)		1165	1080	995	910	825	740	655	570	485	400	0
VBT8M7-10003	3	10.0	7.5	100	19.5	Star-Delta	19	23	28	31	35	39	42	46	49	52	66
VBT8M7-12504	4	12.5	9.3	100	25	Star-Delta	24	30	36	41	46	51	56	60	65	69	88
VBT8M7-15005	5	15.0	11.0	100	29	Star-Delta	30	38	45	51	58	64	70	75	81	86	110
VBT8M7-20006	6	20.0	15.0	100	39	Star-Delta	38	46	55	63	70	78	85	91	98	104	132
VBT8M7-20007	7	20.0	15.0	100	39	Star-Delta	43	54	64	74	82	91	99	106	114	121	154
VBT8M7-25008	8	25.0	18.5	100	48	Star-Delta	49	61	73	84	93	104	113	121	130	138	176
VBT8M7-30010	10	30.0	22.5	100	57	Star-Delta	61	77	92	105	117	130	142	152	163	173	220
VBT8M7-40012	12	40.0	30.0	100	76	Star-Delta	74	92	110	126	140	156	170	182	195	207	264
VBT8M8 SERIES							Discharge in LPM										
Model	Stages	HP	kW	Pipe Size (mm)	Rated Current (A)	Panel Suggested	1800	1680	1560	1440	1320	1200	1080	960	840	720	0
VBT8M8-10002	2	10.0	7.5	100	19.5	Star-Delta	13	18	22	24	26	28	30	31	32	33	39
VBT8M8-20004	4	20.0	15.0	100	39	Star-Delta	25	36	43	48	52	56	59	61	64	65	77
VBT8M8-30006	6	30.0	22.5	100	57	Star-Delta	38	54	64	72	78	84	88	92	96	98	116
VBT8M8-40008	8	40.0	30.0	100	76	Star-Delta	51	72	85	96	104	112	117	123	128	131	155
VBT8M8-50010	10	50.0	37.5	100	85	Star-Delta	63	90	107	120	130	140	147	153	160	163	193
VBT8M8-60012	12	60.0	45.0	100	100	Star-Delta	76	108	128	144	156	168	176	184	192	196	232
VBT8M9 SERIES							Discharge in LPM										
Model	Stages	HP	kW	Pipe Size (mm)	Rated Current (A)	Panel Suggested	1800	1680	1560	1440	1320	1200	1080	960	840	720	0
VBT8M9-12502	2	12.5	9.3	100	25	Star-Delta	17	23	27	30	31	33	34	35	36	37	41
VBT8M9-30005	5	30.0	22.5	100	57	Star-Delta	43	59	68	74	78	81	85	88	91	93	103
VBT8M9-50008	8	50.0	37.5	100	85	Star-Delta	68	94	108	118	124	130	136	141	145	148	164
VBT8M9-60010	10	60.0	45.0	100	100	Star-Delta	85	117	135	148	155	163	170	177	181	185	205
VBT8M9-75012	12	75.0	56.0	100	120	Star-Delta	102	141	162	177	186	195	204	212	217	222	246

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

4" BORE WELL SUBMERSIBLE PUMPSET (VBT4 & VBT4C SERIES)

PRODUCT FEATURES

Corrosion resistant Stainless Steel Body & Shaft for longer life. | CED coated casting parts for longer life in submerged condition. | High Electrical and Mechanical Efficiency. | Dynamically balanced Rotor. | Specially designed Thrust Bearing to withstand axial thrust loads. | High efficiency. | Low power consumption. | Injection moulded Noryl Impeller & Diffuser, Cast Iron Bowl* hence consistent in performance.

Specifications : | Version: Three phase 50Hz. AC Supply. | Working Voltage Range: 250V - 415V ** | Type of Duty : S1 (Continuous) | Maximum Liquid temperature : 35°C. | Speed : 2800 RPM

Applications: Drinking water supply, Deep bore well applications, Irrigation use, Agriculture use



4" Borewell Submersible Pumps (Cu Brazed Rotor + Noryl Impeller & Diffuser)																			
VBT4 SERIES							Performance Chart												
Capacity		Pipe Size	Rated Current	Panel	Head in Meter	Discharge in LPM													
Model	Stages	HP	kW			(mm)	(A)	-	-	35	30	25	20	15	10	5	0	-	-
VBT4-R9-015025	25	1.5	1.1	25/32	3.9	D.O.L.	Head in Meter	-	-	48	77	102	123	143	158	166	172	-	-
							Discharge in LPM												
VBT4-R8-015025	25	1.5	1.1	25/32	3.9	D.O.L.	Head in Meter	-	-	-	47	36	31	25	16	0	-	-	-



							Head in Meter	Discharge in LPM											
								-	50	45	40	35	30	25	20	15	10	5	0
VBT4-R0-030042	42	3.0	2.2	32	8.9	D.O.L.	Head in Meter	-	97	124	149	172	194	214	231	247	262	274	285
							Head in Meter	Discharge in LPM											
								60	55	50	45	40	35	30	25	20	15	10	0
VBT4-R0-015020	20	1.5	1.1	32	3.9	D.O.L.	Head in Meter	40	49	59	69	79	89	99	108	117	126	135	150
VBT4-R0-020025	25	2.0	1.5	32	6.7	D.O.L.		50	62	74	86	99	111	123	135	147	158	168	187
VBT4-R0-020030	30	2.0	1.5	32	6.7	D.O.L.		42	66	88	106	121	135	146	156	164	172	180	196
VBT4-R0-030038	38	3.0	2.2	32	8.9	D.O.L.		51	83	111	134	154	171	185	198	218	228	248	280
VBT4-R7-050050	50	5.0	3.7	32	11.3	D.O.L.		141	168	193	217	239	260	279	297	314	329	342	365
								Head in Meter	Discharge in LPM										
							80		75	70	65	60	55	50	45	40	35	30	0
VBT4-R3-020020	20	2.0	1.5	32	6.7	D.O.L.	Head in Meter	58	68	77	86	94	102	109	115	121	127	131	147
VBT4-R3-030025	25	3.0	2.2	32	8.9	D.O.L.		72	85	97	108	118	127	136	144	152	158	164	184
VBT4-R3-030030	30	3.0	2.2	32	8.9	D.O.L.		87	102	116	129	141	153	163	173	182	190	197	220
VBT4-R5-050040 ♦	40	5.0	3.7	32	11.3	D.O.L.		143	165	184	200	214	225	235	244	251	258	265	319
							Head in Meter	Discharge in LPM											
								-	-	135	120	105	90	75	60	45	30	15	0
VBT4-R1-020017	17	2.0	1.5	40	6.7	D.O.L.	Head in Meter	-	-	41	52	63	72	80	87	93	97	101	103
VBT4-R1-050035	35	5.0	3.7	40	11.3	D.O.L.		-	-	92	115	134	151	167	180	193	205	216	228
							Head in Meter	Discharge in LPM											
								-	150	135	120	105	90	75	60	45	30	15	0
VBT4-R2-030016 ♦	16	3.0	2.2	40	8.9	D.O.L.	Head in Meter	-	31	46	60	71	81	89	95	99	102	104	105
VBT4-R2-030019 ♦	19	3.0	2.2	40	8.9	D.O.L.		-	29	47	63	77	90	100	109	115	120	123	124
VBT4-R6-050027 ♦	27	5.0	3.7	40	11.3	D.O.L.		-	79	98	114	127	138	147	154	159	164	169	175
VBT4-R6-050030	30	5.0	3.7	40	11.3	D.O.L.		-	80	99	117	132	146	158	168	176	183	187	190
VBT4P-R6-050030	30	5.0	3.7	50	11.3	D.O.L.		-	80	99	117	132	146	158	168	176	183	187	190

							Discharge in LPM												
							-	-	160	140	120	100	80	60	40	0	-	-	
VBT4-R2-020012	12	2.0	1.5	50	6.7	D.O.L.	Head in Meter	-	-	17	29	40	49	58	65	68	74	-	-
							Discharge in LPM												
							-	-	190	170	150	130	110	90	70	0	-	-	
VBT4-R6-020010	10	2.0	1.5	50	6.7	D.O.L.	Head in Meter	-	-	27	25	34	41	47	52	56	63	-	-
							Discharge in LPM												
							350	325	300	275	250	225	200	175	150	125	75	0	
VBT4-M0-030008	8	3.0	2.2	50	8.9	D.O.L.	Head in Meter	17	20	22	24	27	29	31	32	34	36	39	42
VBT4-M0-030010	10	3.0	2.2	50	8.9	D.O.L.		22	25	28	31	33	36	38	40	42	44	48	53
VBT4-M1-050012	12	5.0	3.7	50	11.3	D.O.L.		20	26	31	35	39	43	47	50	54	57	62	66
VBT4-M0-050016	16	5.0	3.7	50	11.3	D.O.L.		29	34	39	44	49	53	57	61	65	68	75	84
VBT4-M0-050017	17	5.0	3.7	50	11.3	D.O.L.		31	36	42	47	52	56	61	65	69	73	80	89

4" Borewell Submersible Pumps (Cu Brazed Rotor + Noryl Impeller + * CI Bowl)																			
VBT4C SERIES		Capacity		Pipe Size	Rated Current	Panel	Performance Chart												
Model	Stages	HP	kW	(mm)	(A)		Discharge in LPM												
							350	325	300	275	250	225	200	175	150	125	75	0	
VBT4C-M3-030008	8	3.0	2.2	65	8.9	D.O.L.	Head in Meter	19	21	23	25	27	29	31	32	34	36	39	42
VBT4C-M3-030010	10	3.0	2.2	65	8.9	D.O.L.		24	27	30	33	35	37	39	41	43	45	49	53
VBT4C-M3-050012	12	5.0	3.7	65	11.3	D.O.L.		26	30	34	37	40	43	46	49	52	55	59	64
VBT4C-M3-050016	16	5.0	3.7	65	11.3	D.O.L.		36	41	46	50	54	57	61	65	69	72	78	84
VBT4C-M3-050017	17	5.0	3.7	65	11.3	D.O.L.		38	44	49	53	57	61	65	69	73	77	83	89

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.

As improvements are made in design from time to time, specifications and performance are subjected to change without prior information. For latest details, you may get in touch with our Branches.

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



4" BORE WELL SUBMERSIBLE PUMPSET (VBS4 SERIES - SINGLE PHASE)

Specifications : | Version: Single phase 50Hz. AC Supply. | Working Voltage Range: 160 - 240 V**. | Type of Duty : S1 (Continuous).
 | Maximum Liquid temperature : 35°C. | Speed : 2800 RPM

Applications: Irrigation of farms, Agriculture use

Single Phase 4" Borewell Submersible Pumps																			
VBS4 SERIES		Capacity		Pipe Size	Capacitor		Rated Current	Performance Chart											
Model	Stages	HP	kW	(mm)	Starting (mfd)	Running (mfd)	(A)	Discharge in LPM											
								80	75	70	65	60	55	50	45	40	0		
VBS4-R3-030030	30	3	2.2	32	200 / 250	36 + 36	20.6	Head in Meter	87	102	116	129	141	153	163	173	182	220	
								Discharge in LPM											
								-	85	75	65	55	45	35	25	15	0		
VBS4-R5-030021	21	3	2.2	32	200 / 250	36 + 36	20.6	Head in Meter	-	63	87	105	119	128	136	142	150	168	
VBS4-R5-030025	25	3	2.2	32	200 / 250	36 + 36	20.6		-	75	105	125	141	152	161	169	178	200	
VBS4-R5-050030	30	5	3.7	32	500	50 + 50	30		-	90	125	150	169	183	193	203	215	240	
VBS4-R5-050035	35	5	3.7	32	500	50 + 50	30		-	105	146	175	197	213	226	237	249	280	
VBS4-R5-050037	37	5	3.7	32	500	50 + 50	30		-	111	153	185	210	226	240	250	264	296	

								Discharge in LPM										
								-	135	120	105	90	75	60	45	30	0	
VBS4-R2-030018	18	3	2.2	40	200 / 250	36 + 36	20.6	Head in Meter	-	43	55	66	76	85	93	98	102	108
VBS4-R2-030019	19	3	2.2	40	200 / 250	36 + 36	20.6		-	47	58	70	80	89	97	103	108	115
VBS4-R2-030021	21	3	2.2	40	200 / 250	36 + 36	20.6		-	51	64	78	90	100	108	115	122	132
VBS4-R2-030025	25	3	2.2	40	200 / 250	36 + 36	20.6		-	60	76	93	106	118	129	137	144	152
VBS4-R2-050035	35	5	3.7	40	500	50 + 50	30		-	92	115	134	151	167	180	193	205	228
VBS4-R2-050037	37	5	3.7	40	500	50 + 50	30		-	98	121	142	160	176	191	204	216	241
								Discharge in LPM										
								-	150	135	120	105	90	75	60	45	0	
VBS4-R6-030015	15	3	2.2	40	200 / 250	36 + 36	20.6	Head in Meter	-	40	52	60	66	71	76	81	85	96
VBS4-R6-050025	25	5	3.7	40	500	50 + 50	30		-	67	87	102	112	120	128	135	141	155
VBS4-R6-050030	30	5	3.7	40	500	50 + 50	30		-	72	99	117	132	146	158	168	176	192
								Discharge in LPM										
								350	325	300	275	250	225	200	175	150	0	
VBS4-M0-030010	10	3	2.2	50	200 / 250	36 + 36	20.6	Head in Meter	22	25	28	31	33	36	38	40	42	53

The performance data & technical Specifications given in this brochure are based on our lab tests conducted at standard conditions & rated voltage of 230V, 50Hz in Single phase supply and are likely to change with various field conditions. Friction and flow losses in pipe fittings have not been calculated.

As improvements are made in design from time to time, specifications and performance are subjected to change without prior information. For latest details, you may get in touch with our Branches / Service centres.

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

THREE PHASE BORE WELL SUBMERSIBLE PUMPSET (VBT45 SERIES)

PRODUCT FEATURES

Water cooled water lubricated Electric Motor as prime mover. | V5-motor has bigger Thrust Bearing size that enables higher thrust carrying capacity and reduce Thrust Bearing worn out due to hydraulic shock load. | V5 motor perform in wide voltage range & it will give more mechanical reliability. | All Stainless Steel Construction of pump -rust free-hygienic water supply. | Bowl and Impeller SS-304 material with corrosion proof also having better surface finish giving higher Efficiency. | Light weight and easy to install. | Higher Operating Efficiency.

Specifications : | Version: Three phase 50Hz. AC Supply. | Working Voltage Range: 300 - 415 V**. | Type of Duty : S1 (Continuous). | Maximum Liquid temperature : 35°C. | Speed : 2800 RPM

Applications: Irrigation of farms, Agriculture use



Radial Flow Type Borewell Submersible Pumps (Cu Brazed Rotor + SS-304 Impeller & Diffuser)														
VBT45 SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested	Performance Chart							
Model	Stages	HP	kW	(mm)	(A)		Discharge in LPM							
							75	60	45	30	15	0		
VBT45-3A-030033	33	3.0	2.2	32	6.5	D.O.L	Head in Meter	86	126	159	183	199	208	
VBT45-3A-050052	52	5.0	3.7	32	9.5	D.O.L		137	200	251	289	314	328	
VBT45-3A-050060	60	5.0	3.7	32	9.5	D.O.L		154	228	288	332	362	377	
VBT45-3A-075075	75	7.5	5.5	32	14.5	D.O.L		195	287	361	416	453	473	
							Discharge in LPM							
							115	95	75	55	35	0		
VBT45-5A-050038	38	5.0	3.7	40	9.5	D.O.L	Head in Meter	68	130	171	196	214	248	
VBT45-5A-050044	44	5.0	3.7	40	9.5	D.O.L		73	147	196	226	247	287	
VBT45-5A-060052	52	6.0	4.5	40	11.5	D.O.L		84	173	232	270	295	338	
VBT45-5A-075060	60	7.5	5.5	40	14.5	D.O.L		100	202	268	311	340	390	
							Discharge in LPM							
							185	150	115	80	45	0		
VBT45-8A-050025	25	5.0	3.7	50	9.5	D.O.L	Head in Meter	61	95	110	122	134	151	

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.

As improvements are made in design from time to time, specifications and performance are subjected to change without prior information. For latest details, you may get in touch with our Branches.

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

OPEN WELL SUBMERSIBLE PUMPSET

(VOTCZ, VOTCN/VOTCNA, VOSCN, VOTSN/VOTSNA, VOTRN/VOTRNA, VOTEN/VOTENA, VOTVC & VOTVM SERIES)

PRODUCT FEATURES

Water cooled water lubricated Electric Motor as prime mover. | High quality Electrical grade Stamping used as Motor Core. | Dynamically balanced Motor Shaft with Copper/Aluminium die casted Rotor. | Cast Iron/SS Motor Body. | Dynamically balanced Cast Iron radial flow Impeller. | Higher Operating Efficiency. | Low Maintenance cost & Noise free Operation. | Supplied with Strainer.

Specifications : | Version: Three phase 50Hz. AC Supply. | Type of Duty : S1 (Continuous)
| Maximum Liquid temperature : 35°C. | Speed : 2800 RPM

OPEN WELL SUBMERSIBLE PUMPSET (VOTCZ SERIES)

PRODUCT FEATURES

Product Features : | Water cooled water lubricated Electric Motor as prime mover. | High quality Electrical grade Stamping used as Motor Core. | Dynamically balanced Motor Shaft with Copper Brazed Rotor. | Cast Iron Motor Body. | Dynamically balanced Cast Iron radial flow Impeller. | Higher Operating Efficiency. | Low Maintenance cost & Noise free Operation. | Supplied with Strainer.

Specifications : Working Voltage Range: 200 - 440 V**



Applications: Domestic use, Irrigation of farms, Agriculture use, Submerged pump in Fountains, Wells, Sumps and Water tanks

Openwell Submersible Pumps (CI Motor Body + Cu Brazed Rotor)																		
VOTCZ	Capacity		Pipe Size	Rated Current	Panel Suggested	Performance Chart												
						Head in Meter												
						-	8	12	14	16	18	20	22	24	26	28	30	
Model	HP	kW	(mm)	(A)														
VOTCZ-030060	3.0	2.2	80 x 65	6.5	D.O.L.	LPM	-	-	700	660	610	540	460	360	-	-	-	-
VOTCZ-030080	3.0	2.2	65 x 50	6.5	D.O.L.		-	-	-	-	-	520	500	490	440	400	340	180
VOTCZ-050060	5.0	3.7	100 x 80	10	D.O.L.		-	1320	1250	980	800	-	-	-	-	-	-	-
VOTCZ-050080	5.0	3.7	80 x 65	10	D.O.L.		-	-	1160	1050	980	870	650	510	-	-	-	-
VOTCZ-050100	5.0	3.7	65 x 50	10	D.O.L.		-	-	-	880	810	740	690	650	560	500	360	-
VOTCZ-075090	7.5	5.5	100 x 80	14.5	D.O.L.		-	-	-	-	-	1434	1327	1183	1057	864	732	-
						Head in Meter												
						22	24	26	28	30	32	34	38	40	42	46	50	
VOTCZ-050120	5.0	3.7	65 x 50	10	D.O.L.	LPM	-	600	580	540	510	480	450	320	180	-	-	-
VOTCZ-050140	5.0	3.7	65 x 50	11.5	D.O.L.		-	-	-	-	520	510	505	480	455	420	360	240
VOTCZ-075100	7.5	5.5	80 x 65	14.5	D.O.L.		-	-	900	750	630	480	360	-	-	-	-	-
VOTCZ-075150	7.5	5.5	65 x 50	14.5	D.O.L.		-	-	-	-	-	780	750	650	610	520	410	270
VOTCZ-100120	10.0	7.5	100 x 80	19.5	Star-Delta		1780	1690	1580	1440	1320	1140	670	-	-	-	-	-
VOTCZ-100155	10.0	7.5	80 x 65	19.5	Star-Delta		-	-	1443	-	1311	-	1163	1000	-	797	485	-
						Head in Meter												
						28	32	36	38	40	42	46	48	50	52	54	58	
VOTCZ-075190	7.5	5.5	65 x 50	14.5	D.O.L.	LPM	977	919	851	814	772	735	644	593	546	478	417	130
VOTCZ-100175	10.0	7.5	65 x 50	19.5	Star-Delta		-	-	-	918	-	824	710	-	581	-	397	-
						Head in Meter												
						-	-	34	46	48	50	54	58	62	64	68	70	
VOTCZ-100150	10.0	7.5	65 x 50	19.5	Star-Delta	LPM	-	-	940	840	-	770	660	510	330	-	-	
VOTCZ-100230	10.0	7.5	65 x 50	19.5	Star-Delta		-	-	-	882	850	820	746	665	-	506	381	280
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.																		
As improvements are made in design from time to time, specifications and performance are subjected to change without prior information. For latest details, you may get in touch with our Branches.										** Voltage required at motor input terminal during working time.								

OPEN WELL SUBMERSIBLE PUMPSET (VOTCN/VOTCNA SERIES)

PRODUCT FEATURES

Water cooled water lubricated Electric Motor as prime mover. | High quality Electrical grade Stamping used as Motor Core. | Dynamically balanced Motor Shaft with Copper & Aluminium die casted Rotor. | Cast Iron Motor Body. | Dynamically balanced Cast Iron radial flow Impeller. | Higher Operating Efficiency. | Low Maintenance cost & Noise free Operation. | Supplied with Strainer.

Specifications : Working Voltage Range: 200 - 440 V**



Applications: Domestic use, Irrigation of farms, Agriculture use, Submerged pump in Fountains, Wells, Sumps and Water tanks



Openwell Submersible Pumps (CI Motor Body + Cu Brazed / Al Die-casted Rotor)

* VOTCN / VOTCNA	Capacity		Pipe Size	Rated Current	Panel Suggested	Performance Chart												
						Head in Meter												
						8	12	14	15	16	18	20	22	24	26	28	30	
VOTCN-010100	1.0	0.75	25 x 25	3.4	D.O.L.	LPM	-	-	-	144	-	-	117	-	90	-	-	30
VOTCN-030060 ♦	3.0	2.2	80 x 65	6.5	D.O.L.		-	700	660	-	610	540	460	360	-	-	-	-
VOTCN-030080 ♦	3.0	2.2	65 x 50	6.5	D.O.L.		-	-	-	-	-	520	500	490	440	400	340	180
VOTCN-050060	5.0	3.7	100 x 80	10	D.O.L.		1320	1250	980	-	800	-	-	-	-	-	-	-
VOTCN-050080 ♦	5.0	3.7	80 x 65	10	D.O.L.		-	1160	1050	-	980	870	650	510	-	-	-	-
VOTCN-050100 ♦	5.0	3.7	65 x 50	10	D.O.L.		-	-	880	-	810	740	690	650	560	500	360	-
VOTCN-075090	7.5	5.5	100 x 80	14.5	D.O.L.		-	-	-	-	-	1434	1327	1183	1057	864	732	-
						Head in Meter												
						22	24	26	28	30	32	34	38	40	42	46	50	
VOTCN-050120 ♦	5.0	3.7	65 x 50	10	D.O.L.	LPM	-	600	580	540	510	480	450	320	180	-	-	-
VOTCN-050140	5.0	3.7	65 x 50	11.5	D.O.L.		-	-	-	-	520	510	505	480	455	420	360	240
VOTCN-075100 ♦	7.5	5.5	80 x 65	14.5	D.O.L.		-	-	900	750	630	480	360	-	-	-	-	-
VOTCN-075150 ♦	7.5	5.5	65 x 50	14.5	D.O.L.		-	-	-	-	-	780	750	650	610	520	410	270
VOTCN-100120	10.0	7.5	100 x 80	19.5	Star-Delta		1780	1690	1580	1440	1320	1140	670	-	-	-	-	-
VOTCN-100155	10.0	7.5	80 x 65	19.5	Star-Delta		-	-	1443	-	1311	-	1163	1000	-	797	485	-
						Head in Meter												
						28	32	36	38	40	42	46	48	50	52	54	58	
VOTCN-075190	7.5	5.5	65 x 50	14.5	D.O.L.	LPM	977	919	851	814	772	735	644	593	546	478	417	130
VOTCN-100175	10.0	7.5	65 X 50	19.5	Star-Delta		-	-	-	918	-	824	710	-	581	-	397	-
						Head in Meter												
						-	-	34	46	48	50	54	58	62	64	68	70	
VOTCN-100150	10.0	7.5	65 x 50	19.5	Star-Delta	LPM	-	-	940	840	-	770	660	510	330	-	-	-
VOTCN-100230	10.0	7.5	65 x 50	19.5	Star-Delta		-	-	-	882	850	820	746	665	-	506	381	280
						Head in Meter												
						-	-	-	20	24	28	32	36	40	44	48	50	
VOTCN-125115	12.5	9.3	100 x 80	25	Star-Delta	LPM	-	-	-	1860	1620	1420	1180	840	-	-	-	-
VOTCN-125155	12.5	9.3	80 x 65	25	Star-Delta		-	-	-	-	-	1560	1500	1380	1240	1050	730	-
VOTCN-125165	12.5	9.3	65 x 50	25	Star-Delta		-	-	-	-	-	1220	1200	1150	1120	1020	950	880
VOTCN-150130	15.0	11.0	100 x 80	29	Star-Delta		-	-	-	2550	2460	2290	2010	1650	1060	-	-	-
VOTCN-200165	20.0	15.0	100 x 80	39	Star-Delta		-	-	-	-	-	-	1970	1910	1800	1620	1420	1250
						Head in Meter												
						34	36	40	44	46	48	50	52	54	58	60	62	
VOTCN-150165	15.0	11.0	80 x 65	29	Star-Delta	LPM	-	1650	1470	1250	-	950	760	610	-	-	-	-
VOTCN-150200	15.0	11.0	65 x 50	29	Star-Delta		-	1460	1380	1320	-	1250	1200	1150	1090	950	860	720



						Head in Meter												
						52	54	56	58	62	66	70	74	76	80	85	90	
VOTCN-200260	20.0	15.0	65 x 50	39	Star-Delta	LPM	890	860	860	850	840	820	780	730	700	570	-	-
VOTCN-200295	20.0	15.0	65 x 50	39	Star-Delta		-	-	-	580	560	560	550	540	540	520	500	460
<p>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.</p>																		
<p>As improvements are made in design from time to time, specifications and performance are subjected to change without prior information. For latest details, you may get in touch with our Branches / Service centres.</p>											<p>** - Voltage required at motor input terminal during working time.</p>							
<p>* VOTCN Series has Copper Brazed Rotors and VOTCNA Series has Al Die-casted Rotors</p>											<p> - Star rated models are also available  - ISI Models</p>							

OPEN WELL SUBMERSIBLE PUMPSET (VOSCN SERIES - SINGLE PHASE)

PRODUCT FEATURES

- Water cooled water lubricated Electric Motor as prime mover. | High quality Electrical grade Stamping used as Motor Core. | Dynamically balanced Motor Shaft with Copper Rotor. | Cast Iron Motor Body. | Dynamically balanced Cast Iron radial flow Impeller.
- | Higher Operating Efficiency. | Low Maintenance cost & Noise free Operation.
- | Supplied with Strainer.



Specifications : | Version: Single phase 50Hz. AC Supply. | Working Voltage Range: 160 - 240 V**. | Type of Duty : S1 (Continuous). | Maximum Liquid temperature : 35°C. | Speed : 2800 RPM

Applications: Domestic use, Irrigation of farms, Agriculture use, Submerged pump in Fountains, Wells, Sumps and Water tanks

Single Phase Openwell Submersible Pumps																			
VOSCN	Capacity		Pipe Size	Capacitor		Rated Current	Performance Chart												
							Head in Meter												
Model	HP	kW	(mm)	Starting (mfd)	Running (mfd)	(A)													
VOSCN-030060	3.0	2.2	80 x 65	200 / 250	72 + 72	20.6	LPM	-	-	700	660	610	540	460	360	-	-	-	-
VOSCN-030080	3.0	2.2	65 x 50	200 / 250	72 + 72	20.6		-	-	-	-	-	520	500	490	440	400	340	180
VOSCN-050060	5.0	3.7	100 x 80	200 / 250	72 + 72	30		-	1320	1250	980	800	-	-	-	-	-	-	-
VOSCN-050080	5.0	3.7	80 x 65	200 / 250	72 + 72	30		-	-	1160	1050	980	870	650	510	-	-	-	-
VOSCN-050100	5.0	3.7	65 x 50	200 / 250	72 + 72	30		-	-	-	880	810	740	690	650	560	500	360	-
								Head in Meter											
								24	26	28	30	32	34	36	38	40	42	46	50
VOSCN-050120	5.0	3.7	65 x 50	200 / 250	72 + 72	30	LPM	600	580	540	510	480	450	-	320	180	-	-	-
VOSCN-050140	5.0	3.7	65 x 50	200 / 250	72 + 72	30		-	-	-	520	510	505	495	480	455	420	360	240
The performance data & technical Specifications given in this brochure are based on our lab tests conducted at standard conditions & rated voltage of 230V, 50Hz in Single phase supply and are likely to change with various field conditions. Friction and flow losses in pipe fittings have not been calculated.																			
As improvements are made in design from time to time, specifications and performance are subjected to change without prior information. For latest details, you may get in touch with our Branches / Service centres.															** - Voltage required at motor input terminal during working time.				

OPEN WELL SUBMERSIBLE PUMPSET (VOTRN/VOTRNA SERIES)

PRODUCT FEATURES

Water cooled water lubricated Electric Motor as prime mover. | High quality Electrical grade Stamping used as Motor Core. | Dynamically balanced Motor Shaft with Copper & Aluminium die casted Rotor. | Reduced / Short Cast Iron Motor Body. | Dynamically balanced Cast Iron radial flow Impeller. | Higher Operating Efficiency. | Low Maintenance cost & Noise free Operation. | Supplied with Strainer & connecting pipe. | Easy to install. | Foundation is not required.



Specifications : Working Voltage Range: 200 - 440 V**

Applications: Domestic use, Irrigation of farms, Agriculture use, Submerged pump in Fountains, Wells, Sumps and Water tanks

Openwell Submersible Pumps (CI Short Motor Body + Cu Brazed / Al Die-casted Rotor)																			
* VOTRN / VOTRNA	Capacity		Pipe Size	Rated Current	Panel Suggested	Performance Chart													
						Head in Meter													
Model	HP	kW	(mm)	(A)		8	12	14	16	18	20	22	24	26	28	30			
VOTRN-030060	3.0	2.2	80 x 65	6.5	D.O.L.	LPM	-	700	660	610	540	460	360	-	-	-	-		
VOTRN-030080	3.0	2.2	65 x 50	6.5	D.O.L.		-	-	-	-	520	500	490	440	400	340	180		
VOTRN-050060	5.0	3.7	100 x 80	10	D.O.L.		1320	1250	980	800	-	-	-	-	-	-	-		
VOTRN-050080	5.0	3.7	80 x 65	10	D.O.L.		-	1160	1050	980	870	650	510	-	-	-	-		
VOTRN-050100	5.0	3.7	65 x 50	10	D.O.L.		-	-	880	810	740	690	650	560	500	360	-		
								Head in Meter											
								-	-	24	26	28	30	32	34	36	38	40	
VOTRN-050120	5.0	3.7	65 x 50	10	D.O.L.	LPM	-	-	600	580	540	510	480	450	390	320	180		
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.																			
As improvements are made in design from time to time, specifications and performance are subjected to change without prior information. For latest details, you may get in touch with our Branches / Service centres.															** - Voltage required at motor input terminal during working time.				
* VOTRN Series has Copper Brazed Rotors and VOTRNA Series has Al Die-casted Rotors																			

OPEN WELL SUBMERSIBLE PUMPSET (VOTEN/VOTENA SERIES)

PRODUCT FEATURES

Water cooled water lubricated Electric Motor as prime mover. | High quality Electrical grade Stamping used as Motor Core. | Dynamically balanced Motor Shaft with Copper & Aluminium die casted Rotor. | Cast Iron Motor Body. | Dynamically balanced Cast Iron radial flow Impeller. | Higher Operating Efficiency. | Low Maintenance cost & Noise free Operation. | Supplied with Strainer & connecting pipe. | Easy to install. | Foundation is not required.



Specifications : Working Voltage Range: 200 - 440 V**

Applications: Domestic use, Irrigation of farms, Agriculture use, Submerged pump in Fountains, Wells, Sumps and Water tanks

Openwell Submersible Pumps (CI Motor Body + Cu Brazed / Al Die-casted Rotor)																		
* VOTEN / VOTENA	Capacity		Pipe Size	Rated Current	Panel Suggested	Performance Chart												
						Head in Meter												
Model	HP	kW	(mm)	(A)		-	8	12	14	16	18	20	22	24	26	28	30	
VOTEN-030060	3.0	2.2	80 x 65	6.5	D.O.L.	LPM	-	-	700	660	610	540	460	360	-	-	-	-
VOTEN-030080	3.0	2.2	65 x 50	6.5	D.O.L.		-	-	-	-	-	520	500	490	440	400	340	180
VOTEN-050060	5.0	3.7	100 x 80	10	D.O.L.		-	1320	1250	980	800	-	-	-	-	-	-	-
VOTEN-050080	5.0	3.7	80 x 65	10	D.O.L.		-	-	1160	1050	980	870	650	510	-	-	-	-
VOTEN-050100	5.0	3.7	65 x 50	10	D.O.L.		-	-	-	880	810	740	690	650	560	500	360	-
VOTEN-075090	7.5	5.5	100 x 80	14.5	D.O.L.		-	-	-	-	-	1434	1327	1183	1057	864	732	-
						Head in Meter												
						24 26 28 30 32 34 36 38 40 42 46 50												
VOTEN-050120	5	3.7	65 x 50	10	D.O.L.	LPM	600	580	540	510	480	450	390	320	180	-	-	-
VOTEN-050140	5	3.7	65 x 50	10	D.O.L.		-	-	-	520	510	505	495	480	455	420	360	240
VOTEN-075100	7.5	5.5	80 x 65	14.5	D.O.L.		-	900	750	630	480	360	-	-	-	-	-	-
VOTEN-075150	7.5	5.5	65 X 50	14.5	D.O.L.		-	-	-	-	780	750	690	650	610	520	410	270
						Head in Meter												
						32 36 38 40 42 44 46 50 52 54 56 58												
VOTEN-075190	7.5	5.5	65 X 50	14.5	D.O.L.	LPM	919	851	814	772	735	693	644	546	478	417	334	130
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.																		
As improvements are made in design from time to time, specifications and performance are subjected to change without prior information. For latest details, you may get in touch with our Branches / Service centres.													** - Voltage required at motor input terminal during working time.					
* VOTEN Series has Copper Brazed Rotors and VOTENA Series has Al Die-casted Rotors																		

OPEN WELL SUBMERSIBLE PUMPSET (VOTSN/VOTSNA SERIES)

PRODUCT FEATURES

Water cooled water lubricated Electric Motor as prime mover. | High quality Electrical grade Stamping used as Motor Core. | Dynamically balanced Motor Shaft with Copper & Aluminium die casted Rotor. | SS Pipe Motor Body. | Dynamically balanced Cast Iron radial flow Impeller. | Higher Operating Efficiency. | Low Maintenance cost & Noise free Operation. | Supplied with Strainer.



Specifications : Working Voltage Range: 200 - 440 V**

Applications: Domestic use, Irrigation of farms, Agriculture use, Submerged pump in Fountains, Wells, Sumps and Water tanks



Openwell Submersible Pumps (SS Motor Body + Cu Brazed / Al Die-casted Rotor)

* VOTSN / VOTSNA	Capacity		Pipe Size	Rated Current	Panel Suggested	Performance Chart													
						Head in Meter													
						-	8	12	14	16	18	20	22	24	26	28	30		
Model	HP	kW	(mm)	(A)															
VOTSN-030060	3.0	2.2	80 x 65	6.5	D.O.L.	LPM	-	-	700	660	610	540	460	360	-	-	-	-	
VOTSN-030080	3.0	2.2	65 x 50	6.5	D.O.L.		-	-	-	-	-	520	500	490	440	400	340	180	
VOTSN-050060	5.0	3.7	100 x 80	10	D.O.L.		-	1320	1250	980	800	-	-	-	-	-	-	-	
VOTSN-050080	5.0	3.7	80 x 65	10	D.O.L.		-	-	1160	1050	980	870	650	510	-	-	-	-	
VOTSN-050100	5.0	3.7	65 x 50	10	D.O.L.		-	-	-	880	810	740	690	650	560	500	360	-	
VOTSN-075090	7.5	5.5	100 x 80	14.5	D.O.L.		-	-	-	-	-	1434	1327	1183	1057	864	732	-	
							Head in Meter												
						24 26 28 30 32 34 36 38 40 42 46 50													
VOTSN-050120	5	3.7	65 x 50	10	D.O.L.	LPM	600	580	540	510	480	450	390	320	180	-	-	-	
VOTSN-050140	5	3.7	65 x 50	10	D.O.L.		-	-	-	520	510	505	495	480	455	420	360	240	
VOTSN-075100	7.5	5.5	80 x 65	14.5	D.O.L.		-	900	750	630	480	360	-	-	-	-	-	-	
VOTSN-075150	7.5	5.5	65 X 50	14.5	D.O.L.		-	-	-	-	780	750	690	650	610	520	410	270	
						Head in Meter													
						32 36 38 40 42 44 46 50 52 54 56 58													
VOTSN-075190	7.5	5.5	65 X 50	14.5	D.O.L.	LPM	919	851	814	772	735	693	644	546	478	417	334	130	

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.

As improvements are made in design from time to time, specifications and performance are subjected to change without prior information. For latest details, you may get in touch with our Branches / Service centres.

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

* VOTSN Series has Copper Brazed Rotors and VOTSNA Series has Al Die-casted Rotors

VERTICAL OPEN WELL SUBMERSIBLE PUMPSET (VOTVC SERIES)

PRODUCT FEATURES

Dynamically balanced Motor Shaft with Copper Brazed Rotor. | Rigid Cast Iron Motor Body for better cooling and protection. | High quality Carbon Thrust Pad with CI base. | High quality Electrical grade Stamping used as Motor Core. | High wear resistant LTB-4 Bushes inside the Motor ensures longer life. | Specially designed Nitrile Rubber pressure Diaphragm to compensate the excess pressure generating inside the Motor, while working.

Specifications : Working Voltage Range: 200 - 415 V**

Applications: Commercial Application, Irrigation of farms, Agriculture use, Use at construction sites



Radial Flow Type 8" Vertical Openwell Submersible Pumps (CI Motor Body + Cu Brazed Rotor + CI Impeller)																				
VOTVC SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested	Performance Chart													
							Head in Meter													
Model	Stages	HP	kW	(mm)	(A)		28	32	36	40	42	44	48	52	56	60	64	68		
VOTVC-0502	2	5.0	3.7	65	10	D.O.L.	LPM	590	530	440	310	250	180	-	-	-	-	-	-	
VOTVC-0503 ♦	3	5.0	3.7	65	10	D.O.L.		-	-	-	510	490	440	390	340	260	160	80	-	
VOTVC-7502	2	7.5	5.5	65	14.5	D.O.L.		690	610	520	400	300	-	-	-	-	-	-	-	
VOTVC-7503	3	7.5	5.5	65	14.5	D.O.L.		-	740	700	660	640	620	560	500	420	320	220	100	
VOTVC-10003	3	10.0	7.5	65	19.5	Star-Delta		-	960	890	810	770	730	660	600	510	350	240	-	
							Head in Meter													
							44	48	52	56	60	68	72	76	80	84	88	92		
VOTVC-7504 ♦	4	7.5	5.5	65	14.5	D.O.L.	LPM	-	590	560	530	480	380	340	260	180	100	-	-	
VOTVC-10004	4	10.0	7.5	65	19.5	Star-Delta		750	720	690	650	590	520	450	390	300	250	160	80	
							Head in Meter													
							64	68	72	80	84	88	92	96	100	104	108	112		
VOTVC-7505	5	7.5	5.5	65	14.5	D.O.L.	LPM	560	500	480	400	360	320	250	200	160	100	-	-	
VOTVC-7506 ♦	6	7.5	5.5	65	14.5	D.O.L.		-	-	-	495	462	426	394	354	308	229	150	126	
VOTVC-10005	5	10.0	7.5	65	19.5	Star-Delta		-	550	510	440	390	340	290	220	180	120	100	-	
							Head in Meter													
							80	88	92	96	100	104	108	112	116	120	124	128		
VOTVC-10006	6	10.0	7.5	65	19.5	Star-Delta	LPM	500	460	430	400	350	320	280	240	190	120	100	80	

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.

As improvements are made in design from time to time, specifications and performance are subjected to change without prior information. For latest details, you may get in touch with our Branches / Service centres.

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

VERTICAL OPEN WELL SUBMERSIBLE PUMPSET (VOTVM SERIES)

PRODUCT FEATURES

Dynamically balanced Motor Shaft with Aluminium Die-casted Rotor. | SS 3 segment tilting type Thrust Bearing is used. | High quality Carbon Thrust Pad with CI base. | High quality Dual seal protection with Sand Guard to prevent Sand entry. | High quality Electrical grade Stamping used as Motor Core. | High wear resistant LTB-4 Bushes inside the Motor ensures longer life.

Specifications : Working Voltage Range: 200 - 415 V**

Applications: Commercial Application, Irrigation of farms, Agriculture use, Use at construction sites



Radial Flow Type 8" Vertical Openwell Submersible Pumps (MS Motor Body + Al Die-casted Rotor + SS Moulded Impeller)																					
VOTVM SERIES		Capacity		Pipe Size	Rated Current	Panel Suggested	Performance Chart														
Model	Stages	HP	kW	(mm)	(A)		Discharge in LPM														
							-	720	660	600	540	480	450	420	360	300	240	200			
VOTVM-0302	2	3.0	2.2	50	5.8	D.O.L.	Head in Meter	-	-	-	-	22	25	26	28	33	35	-	-		
VOTVM-0303	3	3.0	2.2	50	5.8	D.O.L.		-	-	-	-	-	26	27	29	33	39	48	-		
VOTVM-0402	2	4.0	3.0	65	7.8	D.O.L.		-	-	-	22	25	28	30	32	34	36	-	-		
VOTVM-0403	3	4.0	3.0	50	7.8	D.O.L.		-	-	-	-	33	37	39	42	48	52	54	-		
VOTVM-0404	4	4.0	3.0	50	7.8	D.O.L.		-	-	-	-	-	33	36	39	44	50	62	65		
VOTVM-0502	2	5.0	3.7	65	10	D.O.L.		-	22	24	26	27	28	30	32	34	36	-	-		
VOTVM-0503	3	5.0	3.7	50	10	D.O.L.		-	-	-	-	30	33	36	39	42	45	48	51		
VOTVM-0504	4	5.0	3.7	50	10	D.O.L.		-	-	-	-	-	36	40	44	48	52	56	60		
VOTVM-0602	2	6.0	4.5	80	11.7	D.O.L.		-	22	24	26	28	32	33	34	36	-	-	-		
VOTVM-0603	3	6.0	4.5	65	11.7	D.O.L.		-	-	-	27	30	33	39	42	45	48	-	-		
VOTVM-0604	4	6.0	4.5	50	11.7	D.O.L.		-	-	-	-	31	38	42	45	48	52	60	-		
VOTVM-0605	5	6.0	4.5	50	11.7	D.O.L.		-	-	-	-	-	45	50	54	60	65	70	75		
							Discharge in LPM														
							960	900	840	780	720	660	600	540	480	450	420	380			
VOTVM-7502	2	7.5	5.5	80	14.5	D.O.L.	Head in Meter	24	25	27	28	31	32	34	36	-	-	-	-		
VOTVM-7503	3	7.5	5.5	65	14.5	D.O.L.		-	-	-	30	33	36	42	44	-	-	-	-		
VOTVM-7504	4	7.5	5.5	65	14.5	D.O.L.		-	-	-	-	-	-	38	47	54	57	60	63		
VOTVM-7505	5	7.5	5.5	65	14.5	D.O.L.		-	-	-	-	-	-	40	45	46	50	65	70		
VOTVM-7506	6	7.5	5.5	50	14.5	D.O.L.		-	-	-	-	-	-	-	46	48	62	68	72		
VOTVM-10003	3	10.0	7.5	80	19.3	Star-Delta		33	36	38	42	45	48	52	56	-	-	-	-		
VOTVM-10004	4	10.0	7.5	65	19.3	Star-Delta		-	-	-	44	48	52	56	60	64	68	70	-		
VOTVM-10006	6	10.0	7.5	50	19.3	Star-Delta		-	-	-	-	-	-	-	62	66	70	72	78		
VOTVM-12503	3	12.5	9.3	80	21.6	Star-Delta		39	42	45	47	50	54	-	-	-	-	-	-		
VOTVM-12504	4	12.5	9.3	80	21.6	Star-Delta		-	-	44	48	52	55	62	68	-	-	-	-		
VOTVM-12505	5	12.5	9.3	80	21.6	Star-Delta		-	-	-	-	53	56	65	70	75	80	86	-		
VOTVM-12506	6	12.5	9.3	65	21.6	Star-Delta		-	-	-	-	-	-	66	72	75	78	84	90		
VOTVM-12508	8	12.5	9.3	50	21.6	Star-Delta		-	-	-	-	-	-	-	72	74	80	88	92		
VOTVM-15005	5	15.0	11.0	80	25.8	Star-Delta		-	50	55	60	62	70	75	80	88	-	-	-		
VOTVM-15006	6	15.0	11.0	80	25.8	Star-Delta		-	-	-	62	64	72	78	84	92	96	102	-		
VOTVM-15007	7	15.0	11.0	80	25.8	Star-Delta		-	-	-	-	-	70	77	83	94	98	104	112		
VOTVM-20005	5	20.0	15.0	80	32.7	Star-Delta		60	65	70	75	80	85	90	-	-	-	-	-		
VOTVM-20008	8	20.0	15.0	80	32.7	Star-Delta		-	-	80	88	95	100	105	110	115	120	-	-		

The performance data & technical Specifications given in this brochure are based on our lab tests conducted at standard conditions & rated voltage of 380V, 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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** - Voltage required at motor input terminal during working time.

CENTRIFUGAL MONOBLOC PUMPSET

(VCTAN, VCTANS, VCTBN, VC2BN & VCN SERIES)

COMMON FEATURES

- ▮ Rewindable squirrel cage Electric Motor as prime mover. ▮ High quality Electrical grade Stamping used as Motor Core.
- ▮ Dynamically balanced Motor Shaft with Aluminium die casted Rotor. ▮ Super enamelled Copper Winding Wire. ▮ Open type vibration free SKF Ball Bearings for smooth working. ▮ Rigid Cast Iron Motor Body. ▮ Totally Enclosed Fan Cooled Motor.
- ▮ Dynamically balanced Cast Iron radial flow Impeller. ▮ Higher Operating efficiency. ▮ Low maintenance cost & noise free operation.

Specifications : • Version: Three phase 50Hz. AC Supply. • Type of Duty : S1 (Continuous) • Maximum Liquid temperature : 35°C. • Speed : 2800 RPM

'A' CLASS CENTRIFUGAL MONOBLOC PUMPSET (VCTAN SERIES)



Specifications : Working Voltage Range: 300 - 415 V**

Applications: Irrigation of farms, Agriculture use

"A" Class Centrifugal Monobloc Pumps						Performance Chart											
VCTAN SERIES	Capacity		Pipe Size	Rated Current	Panel Suggested	Head in Meter											
	HP	kW				mm	(A)	8	10	12	14	16	18	20	22	24	26
VCTAN-030060	3.0	2.2	80 x 65	5.6	D.O.L	Discharge in LPM	1000	923	852	750	637	-	-	-	-	-	-
VCTAN-030075	3.0	2.2	65 x 50	5.6	D.O.L		-	-	680	660	620	590	530	460	-	-	-
VCTAN-030085	3.0	2.2	65 x 50	5.6	D.O.L		-	-	-	-	876	828	786	672	620	540	-
VCTAN-030090	3.0	2.2	65 x 50	5.6	D.O.L		-	-	760	730	687	640	588	543	-	-	-
VCTAN-050060	5.0	3.7	100 x 80	8.9	D.O.L		1770	-	1440	1140	798	-	-	-	-	-	-
VCTANP-050060	5.0	3.7	100 x 100	8.9	D.O.L		1770	-	1440	1140	798	-	-	-	-	-	-
VCTAN-050080	5.0	3.7	80 x 65	8.9	D.O.L		-	-	-	1200	1170	1110	1038	960	780	-	-
VCTAN-050090	5.0	3.7	65 x 50	8.9	D.O.L		-	-	-	-	940	920	910	860	780	700	636
VCTAN-075080	7.5	5.5	100 x 100	12.2	D.O.L		-	-	-	-	1608	1488	1392	1266	1170	-	-
VCTANP-075080	7.5	5.5	100 x 80	12.2	D.O.L		-	-	-	-	1608	1488	1392	1266	1170	-	-
						Head in Meter											
						22	24	26	28	30	32	34	36	38	40	42	
VCTAN-050140	5.0	3.7	65 x 50	8.9	D.O.L	Discharge in LPM	-	750	740	740	720	700	640	600	520	460	380
VCTAN-075100	7.5	5.5	80 x 65	12.2	D.O.L		1085	1035	990	945	875	805	725	616	475	-	-
VCTAN-075105	7.5	5.5	80 x 65	12.2	D.O.L		1110	1100	1080	1040	980	850	705	582	-	-	-
VCTAN-075140	7.5	5.5	65 x 50	12.2	D.O.L		-	-	822	810	798	786	756	708	642	-	-
VCTAN-100110	10.0	7.5	100 x 100	16.7	Star-Delta		1840	1750	1640	1500	1370	1190	710	-	-	-	-
VCTANP-100110	10.0	7.5	100 x 80	16.7	Star-Delta		1840	1750	1640	1500	1370	1190	710	-	-	-	-
VCTAN-125125	12.5	9.3	100 x 80	20.8	Star-Delta		-	1720	-	1540	-	1240	-	900	660	-	-
VCTAN-150130	15.0	11.0	100 x 80	24	Star-Delta		-	1900	-	1830	-	1750	-	1600	1480	1380	-
						Head in Meter											
						28	30	32	34	36	38	40	42	44	46	48	
VCTAN-100150	10.0	7.5	80 x 65	16.7	Star-Delta	Discharge in LPM	1230	1224	1212	1188	1164	1110	978	816	546	-	-
VCTAN-100165	10.0	7.5	80 x 65	16.7	Star-Delta		1115	1106	1104	1099	1095	1078	1066	1030	880	723	-
VCTAN-125160	12.5	9.3	80 x 65	20.8	Star-Delta		-	-	-	-	1308	1302	1302	-	-	1200	1090
						Head in Meter											
						-	32	34	36	38	40	42	44	46	48	50	
VCTAN-075165	7.5	5.5	65 x 50	12.2	D.O.L	Discharge in LPM	-	-	-	820	810	810	780	-	720	-	564
VCTAN-100170	10.0	7.5	65 x 50	16.7	Star-Delta		-	-	1050	1044	1032	1020	1002	978	954	912	840
VCTAN-150165	15.0	11.0	80 x 65	24	Star-Delta		-	-	-	1368	1350	1338	-	-	1260	1200	1120
VCTAN-200165	20.0	15.0	100 x 80	32.3	Star-Delta		-	1940	-	1900	1840	1780	-	-	1540	1420	1020
						Head in Meter											
						38	40	42	44	46	48	50	54	56	58	60	
VCTAN-075200	7.5	5.5	65 x 50	12.2	D.O.L	Discharge in LPM	672	668	666	-	666	666	648	642	600	546	474
VCTAN-100180	10.0	7.5	65 x 50	16.7	Star-Delta		910	900	900	890	880	860	830	720	-	-	-
						Head in Meter											
						42	46	48	50	54	56	58	62	64	70	72	
VCTAN-100205	10.0	7.5	65 x 50	16.7	Star-Delta	Discharge in LPM	678	660	660	660	630	-	546	354	312	-	-
VCTAN-100235	10.0	7.5	65 x 50	16.7	Star-Delta		-	720	720	720	720	-	710	700	670	-	460
VCTAN-125190	12.5	9.3	65 x 50	20.8	Star-Delta		-	-	840	834	816	780	630	-	-	-	-
VCTAN-150230	15.0	11.0	65 x 50	24	Star-Delta		-	-	1050	1040	-	990	972	940	-	860	-

						Head in Meter											
						56	58	62	66	70	74	76	78	82	86	90	
VCTAN-125250	12.5	9.3	65 x 50	20.8	Star-Delta	Discharge in LPM	684	684	672	594	486	318	276	-	-	-	-
VCTAN-200255	20.0	15.0	65 x 50	32.3	Star-Delta		870	850	830	800	760	720	-	600	-	-	-
VCTAN-200295	20.0	15.0	65 x 50	32.3	Star-Delta		-	600	580	570	550	540	-	520	510	500	420

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

As improvements are made in design from time to time, specifications and performance are subjected to change without prior information. For latest details, you may get in touch with our Branches / Service centres.

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

'A' CLASS CENTRIFUGAL MONOBLOC PUMPSET (VCTANS SERIES - SLOW SPEED)

Specifications : Working Voltage Range: 300 - 415 V**

Applications: Irrigation of farms, Agriculture use

"A" Class Slow Speed Centrifugal Monobloc Pumps																
VCTANS SERIES	Capacity		Pipe Size	Rated Current	Panel Suggested	Performance Chart										
						Head in Meter										
						10	11	12	13	14	15	16	17	18		
Model	HP	kW	mm	(A)	LPM	1830	1710	1590	1470	1140	930					
VCTANS-050040	5.0	3.7	100 x 100	8.4		D.O.L	2010	1945	1860	1780	1688	1580	1446	1330	1110	
VCTANS-075055	7.5	5.5	100 x 100	11.9		D.O.L										

The performance data & technical Specifications given in this brochure are based on our lab tests conducted at standard conditions & rated voltage of 415V, 50Hz, 1450 RPM in Three phase supply and are likely to change with various field conditions. Friction and flow losses in pipe fittings have not been calculated.

As improvements are made in design from time to time, specifications and performance are subjected to change without prior information. For latest details, you may get in touch with our Branches / Service centres.

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

'B' CLASS CENTRIFUGAL MONOBLOC PUMPSET (VCTBN SERIES)

Specifications : Working Voltage Range: 350 - 440 V**

Applications: Commercial Application, Community water supply, Irrigation of farms, Agriculture use, Use at construction sites




"B" Class Centrifugal Monobloc Pumps																	
VCTBN SERIES	Capacity		Pipe Size	Rated Current	Panel Suggested	Performance Chart											
						Head in Meter											
						-	-	6	8	10	12	14	16	18	20	22	
Model	HP	kW	mm	(A)	LPM	-	-	780	680	560	380	-	-	-	-	-	
VCTBN-015040	1.5	1.1	80 x 65	2.9		D.O.L	-	-	780	680	560	380	-	-	-	-	-
VCTBNP-015040	1.5	1.1	80 x 80	2.9		D.O.L	-	-	780	680	560	380	-	-	-	-	-
VCTBN-015050	1.5	1.1	50 x 50	2.9		D.O.L	-	-	-	460	435	400	310	280	-	-	-
VCTBN-015055	1.5	1.1	65 x 50	2.9		D.O.L	-	-	-	540	490	450	430	320	-	-	-
VCTBN 020040	2.0	1.5	80 X 80	3.9		D.O.L	-	-	920	780	660	480	-	-	-	-	-
VCTBN 020045	2.0	1.5	80 X 65	3.9		D.O.L	-	-	880	760	660	540	420	-	-	-	-
VCTBN 020065	2.0	1.5	65 X 50	3.9		D.O.L	-	-	-	-	-	520	490	450	390	270	-
VCTBN-030060 ♦	3.0	2.2	80 x 65	5.6		D.O.L	-	-	972	960	900	810	720	620	500	-	-
VCTBN-030065 ♦	3.0	2.2	65 x 50	5.6		D.O.L	-	-	-	-	-	640	575	500	405	270	-
VCTBN-050055	5.0	3.7	100 x 100	8.9		D.O.L	-	-	-	1770	-	1440	1140	800	-	-	-
VCTBN-050075 ♦	5.0	3.7	80 x 80	8.9		D.O.L	-	-	-	1320	-	1212	1176	1110	1002	888	720

						Head in Meter											
						-	10	12	14	16	18	20	22	24	26	28	
VCTBN-015080 ♦	1.5	1.1	50 x 40	2.9	D.O.L	LPM	-	474	430	390	350	305	245	165	-	-	-
VCTBN 020070	2.0	1.5	50 x 50	3.9	D.O.L		-	-	-	490	440	370	280	180	-	-	-
VCTBN-020080 ♦	2.0	1.5	50 x 40	3.9	D.O.L		-	-	-	354	340	310	290	260	220	185	100
VCTBN-030085 ♦	3.0	2.2	65 x 50	5.6	D.O.L		-	540	525	504	490	470	420	390	354	294	-
VCTBN-050080	5.0	3.7	80 x 65	8.9	D.O.L		-	-	-	-	912	912	900	833	742	627	402
VCTBN-075080	7.5	5.5	100 x 100	12.2	D.O.L		-	-	-	-	1578	1469	1398	1247	1139	-	-
VCTBNP-075080	7.5	5.5	100 x 80	12.2	D.O.L		-	-	-	-	1578	1469	1398	1247	1139	-	-
VCTBN-100110	10.0	7.5	100 x 100	16.7	Star-Delta		-	-	-	1928	1774	1710	1714	1606	1541	1389	1271
VCTBNP-100110	10.0	7.5	100 x 80	16.7	Star-Delta		-	-	-	1928	1774	1710	1714	1606	1541	1389	1271
						Head in Meter											
						18	20	24	26	28	30	32	34	36	38	40	
VCTBN-030120	3.0	2.2	50 x 40	5.6	D.O.L	LPM	354	348	342	342	342	330	294	210	132	-	-
VCTBN-050125 ♦	5.0	3.7	65 x 50	8.9	D.O.L		-	510	500	492	470	450	-	396	348	312	-
VCTBN-075105	7.5	5.5	80 x 65	12.2	D.O.L		-	1086	1068	1050	1002	930	720	-	-	-	-
VCTBNP-100130	10.0	7.5	80 x 65	16.7	Star-Delta		1135	1133	1128	1126	1125	-	1122	1120	1107	1050	996
VCTBN-125105	12.5	9.3	100 x 100	19.5	Star-Delta		1980	1890	1740	1602	1494	1374	1218	-	-	-	-
VCTBN-150130	15.0	11.0	100 x 100	22.4	Star-Delta		-	2160	2040	-	1800	-	1680	-	1050	-	1020
						Head in Meter											
						-	24	26	28	30	32	34	36	40	42	44	
VCTBN-075140	7.5	5.5	65 x 50	12.2	D.O.L	LPM	-	845	840	828	822	810	786	756	624	525	408
						Head in Meter											
						28	32	34	36	38	40	44	46	48	50	52	
VCTBN-050165	5.0	3.7	50 x 40	8.9	D.O.L	LPM	-	-	-	252	240	228	198	-	162	-	114
VCTBN-075165	7.5	5.5	65 x 50	12.2	D.O.L		-	-	492	477	-	460	430	414	-	330	-
VCTBN-100165	10.0	7.5	80 x 65	16.7	Star-Delta		-	800	790	750	720	690	-	450	-	360	-
VCTBN-125145	12.5	9.3	80 x 65	19.5	Star-Delta		1056	1032	-	1020	-	1008	900	-	600	-	-
VCTBN-125170	12.5	9.3	65 x 50	19.5	Star-Delta		990	978	-	936	-	918	900	-	852	-	726
VCTBN-150170	15.0	11.0	80 x 65	22.4	Star-Delta		-	1284	-	1266	-	1266	1260	-	1206	-	906
VCTBN-200165	20.0	15.0	100 x 100	30.2	Star-Delta		1800	1692	1650	1620	-	1470	1368	-	1140	-	1120
VCTBN-200170	20.0	15.0	80 x 65	30.2	Star-Delta		-	-	1404	1386	-	1386	1380	-	1326	-	1026
						Head in Meter											
						-	-	-	-	42	46	50	54	58	62	64	
VCTBN-100205	10.0	7.5	65 x 50	16.7	Star-Delta	LPM	-	-	-	-	606	594	570	540	400	288	264
						Head in Meter											
						-	-	-	48	52	56	60	64	68	72	76	
VCTBN-150225	15.0	11.0	65 x 50	22.4	Star-Delta	LPM	-	-	-	720	714	708	690	690	594	-	-
VCTBN-150250	15.0	11.0	65 x 50	22.4	Star-Delta		-	-	-	-	654	648	648	630	510	420	228
VCTBN-200250	20.0	15.0	65 x 50	30.2	Star-Delta		-	-	-	-	-	714	702	672	648	618	432

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

As improvements are made in design from time to time, specifications and performance are subjected to change without prior information. For latest details, you may get in touch with our Branches / Service centres.

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

 - Star rated models are also available ♦ - ISI Models

CENTRIFUGAL MONOBLOC PUMPSET (VC2BN SERIES)

Specifications : Working Voltage Range: 200 - 440 V, 200 - 260 V**

Applications: Irrigation of farms, Agriculture use



Centrifugal Monobloc Pumps

VC2BN SERIES	Capacity		Pipe Size (mm)	Rated Current (A)	Performance Chart								
	HP	kW			Head in Meter								
Model	HP	kW	(mm)	(A)	-	6	8	10	12	14	16	18	
VC2BN-015040	1.5	1.1	65 x 50	5	Discharge in LPM	-	480	450	400	275	-	-	-
VC2BN-015045	1.5	1.1	50 x 50	5		-	430	400	360	300	130	-	-
VC2BN-020045	2.0	1.5	80 x 65	7		-	700	650	550	350	60	-	-
VC2BNP-020045	2.0	1.5	80 x 80	7		-	700	650	550	350	60	-	-
VC2BN-030055	3.0	2.5	80 x 65	10		-	-	-	900	840	720	600	300
VC2BNP-030055	3.0	2.5	80 x 80	10		-	-	-	900	840	720	600	300
					Head in Meter								
					12 14 16 18 20 22 24 30								
VC2BN-020070	2.0	1.5	65 x 50	7	Discharge in LPM	555	509	460	385	253	-	-	-
VC2BN-020075	2.0	1.5	50 x 50	7		450	445	407	351	302	270	-	-
VC2BN-030070	3.0	2.5	65 x 50	10		-	720	660	540	480	360	-	-
VC2BN-030110	3.0	2.5	50 x 50	10		-	-	-	390	380	365	350	300
VC2BN-050080	5.0	3.7	80 x 65	14		1042	984	927	838	750	623	496	-
					Head in Meter								
					- 20 22 24 26 28 30 32								
VC2BN-050100	5.0	3.7	65 x 50	14	Discharge in LPM	-	750	708	642	576	498	396	288

The performance data & technical Specifications given in this brochure are based on our lab tests conducted at standard conditions & rated voltage of 380 V & 240 V, 50Hz in Single phase supply and are likely to change with various field conditions. Friction and flow losses in pipe fittings have not been calculated.

As improvements are made in design from time to time, specifications and performance are subjected to change without prior information. For latest details, you may get in touch with our Branches / Service centres. ** - Voltage required at motor input terminal during working time.

CENTRIFUGAL MONOBLOC PUMPSET (VCN SERIES - SINGLE PHASE)

Specifications : | Version: Single phase 50Hz. AC Supply. | Working Voltage Range: 150 - 240 V**. | Type of Duty : S1 (Continuous). | Maximum Liquid temperature : 35°C. | Speed : 2800 RPM

Applications: Irrigation of farms, Agriculture use



Single Phase Centrifugal Monobloc Pumps																	
VCN SERIES	Capacity		Pipe Size (mm)	Capacitor (mfd)	Rated Current (A)	Performance Chart											
	HP	kW				Head in Meter											
Model	HP	kW	(mm)	(mfd)	(A)	-	-	-	-	12	14	16	18	20	21	23	
VCN-TW70	2.0	1.5	65 x 50	36 + 36	12	LPM	-	-	-	-	555	509	460	385	290	240	0
					Head in Meter												
					16 18 20 22 24 26 28 30 32 34 37												
VCN-TW100	2.0	1.5	50 x 40	36 + 36	12	LPM	-	395	385	375	355	315	280	215	140	0	-
VCN-TR120	3.0	2.2	50 x 40	36 + 36	18.5		-	525	515	500	470	440	400	350	300	180	0
VCN-FV120	5.0	3.7	65 x 50	45 + 45	24		888	-	860	825	790	735	642	582	492	366	0
					Head in Meter												
					- - - 13 20 24 28 32 36 38 44												
VCN-FV130	5.0	3.7	65 X 50	40 + 40	24	LPM	-	-	-	696	630	576	522	468	378	324	0
					Head in Meter												
					- - 36 38 40 42 44 46 48 50 52												
VCN-FV165	5.0	3.7	50 X 40	45 + 45	27	LPM	-	-	228	224	220	218	213	198	182	115	0

The performance data & technical Specifications given in this brochure are based on our lab tests conducted at standard conditions & rated voltage of 240V, 50Hz in Single phase supply and are likely to change with various field conditions. Friction and flow losses in pipe fittings have not been calculated.

As improvements are made in design from time to time, specifications and performance are subjected to change without prior information. For latest details, you may get in touch with our Branches / Service centres. ** - Voltage required at motor input terminal during working time.





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