



## Highest Star Rated Pumps in INDIA



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**V3 OF & WF****SUITABLE FOR 75 mm BOREWELL OR ABOVE (Min.Bore Dia. 75mm)**

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 200-240 VOLTS SINGLE PHASE, 50Hz, A.C. SUPPLY  
 Maximum Motor OD :- 72mm & Pump OD :- 72mm

OUTLET SIZE :- 32mm

TYPE OF FLOW : RADIAL

MODEL		MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM							
OF	WF	kW	H.P.			0	17	20	25	30	35	40	50
VSO 30	VS 30	0.55	0.75	14	HEAD IN METERS	40	33	32	30	26.5	22	17	10
VSO 30	VS 30	0.75	1.00	18		52	42	41	39	34	27	21	13
VSO 30	VS 30	0.75	1.00	20		58	47	46.5	42	38	30.5	24	15
VSO 30	VS 30	0.75	1.00	25		73	59	58.1	53	48	38	30	19
VSO 30	VS 30	0.94	1.25	36		104	85	82	76	68	53.5	41	24

**V3 OF & WF****SUITABLE FOR 80 mm BOREWELL OR ABOVE (Min.Bore Dia. 80mm)**

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 200-240 VOLTS SINGLE PHASE, 50Hz, A.C. SUPPLY  
 Maximum Motor OD :- 72mm & Pump OD :- 77mm

OUTLET SIZE :- 32mm

TYPE OF FLOW : RADIAL

MODEL		MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM								
OF	WF	kW	H.P.			0	24	32	38	48	60	72	84	90
VSO 30H	VS 30H	0.75	1.00	10	HEAD IN METERS	50	44	42.5	40	37.5	32	26	17	12
VSO 30H	VS 30H	0.75	1.00	12		60	53	50	47.5	45	38	31	19	13
VSO 30H	VS 30H	0.94	1.25	15		75	66	63	60.5	56	48	39	24	17

OUTLET SIZE :- 32mm

TYPE OF FLOW : RADIAL

MODEL		MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM							
OF	WF	kW	H.P.			0	10	20	30	40	50	60	66
VSO 30HH	VS 30HH	0.37	0.50	10	HEAD IN METERS	50	48	45	40	33	24	17	8
VSO 30HH	VS 30HH	0.55	0.75	15		75	72	67	60	50	36	25	12
VSO 30HH	VS 30HH	0.75	1.00	20		100	96	89	80	67	48	33	16

# V4 OF & WF

## SUITABLE FOR 100 mm BOREWELL OR ABOVE (Min.Bore Dia. 100mm)

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 200-240 VOLTS SINGLE PHASE / 380-415 VOLTS THREE PHASE, 50 Hz. A.C. SUPPLY.

Maximum Motor OD :- 96.5mm & Pump OD :- 96.5mm

OUTLET SIZE :- 38mm (ON DEMAND CAN PROVIDE 50mm)

TYPE OF FLOW : RADIAL

MODEL		MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM							
OF	WF	kW	H.P.			0	70	85	110	120	130	140	150
WO : 1L	WW : 1L	1.10	1.50	7		47	42	39	36	34	32	27	23
WO : 1L	WW : 1L	1.50	2.00	8		53	48	45	41	39	36	31	27
WO : 1L	WW : 1L	1.50	2.00	10		67	60	56	52	48	45	38	33
VSO:71	VSR:71	2.20	3.00	12		80	72	69	63	61	56	49	41
	VSR:71	2.20	3.00	15		100	90	86	79	75	70	59	52

OUTLET SIZE :- 38mm (ON DEMAND CAN PROVIDE 50mm)

TYPE OF FLOW : RADIAL

MODEL		MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM							
WF	kW	H.P.		0		80	95	115	125	135	145	150	
VS:71H	3.00	4.00	18	122		109	103	94	88	82	71	63	
VS:71H	3.70	5.00	19	129		115	109	99	93	87	75	67	
VS:71H	3.70	5.00	22	149		133	126	115	108	101	87	78	
VS:71H	3.70	5.00	25	169		152	144	131	123	115	98	89	
VS:71H	4.00	6.00	31	210		188	178	162	152	142	122	110	

OUTLET SIZE :- 38mm

TYPE OF FLOW : RADIAL

MODEL		MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM						
OF	WF	kW	H.P.			0	30	50	80	90	110	120
WO : 0L	WW : 0L	0.75	1.00	7		46	44	42	35	32	27	22
WO : 0L	WW : 0L	1.10	1.50	10		66	63	60	50	46	38	31
WO : 0L	WW : 0L	1.50	2.00	12		79	76	72	60	55	46	37

## V4 OF & WF

### SUITABLE FOR 100 mm BOREWELL OR ABOVE (Min.Bore Dia. 100mm)

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 200-240 VOLTS SINGLE PHASE / 380-415 VOLTS THREE PHASE, 50 Hz. A.C. SUPPLY.

Maximum Motor OD :- 96.5mm & Pump OD :- 96.5mm

OUTLET SIZE :- 32mm

TYPE OF FLOW : RADIAL

MODEL		MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM							
OF	WF	kW	H.P.			0	20	30	40	50	60	70	90
WO : 2L	WW : 2L	0.55	0.75	7		42	39	38	37	36	33	30	23
WO : 2L	WW : 2L	0.75	1.00	8		48	45	44	42	41	38	34	26
WO : 2L	WW : 2L	0.75	1.00	10		60	56	54	53	51	47	43	33
WO : 2L	WW : 2L	1.10	1.50	12		72	68	65	63	61	57	51	39
WO : 2L	WW : 2L	1.10	1.50	14		84	79	76	74	71	66	60	46
WO : 2L	WW : 2L	1.50	2.00	16		96	90	87	84	81	76	68	52
WO : 2L	WW : 2L	1.50	2.00	18		108	102	98	95	92	85	77	59

Note : OF - Single phase motors are available upto 3 H.P.

WF - Single phase motors are available up to 5 H.P.

## V4 OF & WF

### SUITABLE FOR 100 mm BOREWELL OR ABOVE (Min.Bore Dia. 100mm)

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 200-240 VOLTS SINGLE PHASE / 380-415 VOLTS THREE PHASE, 50 Hz. A.C. SUPPLY.

Maximum Motor OD :- 96.5mm & Pump OD :- 96.5mm

OUTLET SIZE :- 32mm

TYPE OF FLOW : RADIAL

MODEL		MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM							
OF	WF	kW	H.P.			0	22	26	37	42	45	55	68
WO : 3L	WW : 3L	0.37	0.50	6		35	32	31	29	28	26	23	8
WO : 3L	WW : 3LE	0.75	1.00	8		46	43	41	39	37	35	30	10
WO : 3L	WW : 3L	0.55	0.75	10		58	53	51	48	46	44	38	13
WO : 3L	WW : 3L	0.75	1.00	12		69	64	61	58	55	53	45	15
WO : 3L	WW : 3L	1.10	1.50	16		92	85	81	77	73	71	60	20
WO : 3L	WW : 3L	1.10	1.50	21		121	112	107	102	97	92	79	27
	WW : 3L	1.50	2.00	25		144	134	128	121	115	110	94	32

OUTLET SIZE :- 32mm

TYPE OF FLOW : RADIAL

MODEL		MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM						
OF	WF	kW	H.P.			0	10	15	20	25	35	40
WO : 5L	WW : 5L	0.37	0.50	8		45	42	40	38	34	28	20
WO : 5L	WW : 5L	0.37	0.50	9		50	48	45	43	39	32	22
WO : 5L	WW : 5L	0.55	0.75	14		78	74	70	67	60	49	35
WO : 5L	WW : 5L	0.75	1.00	16		90	85	80	77	69	56	40
WO : 5L	WW : 5L	0.75	1.00	18		101	95	90	86	77	63	45
WO : 5L	WW : 5L	0.75	1.00	20		112	106	100	96	86	70	50
WO : 5L	WW : 5L	0.75	1.00	21		118	111	105	101	90	74	52
WO : 5L	WW : 5L	1.10	1.50	25		140	132	125	120	108	88	62

Note : OF - Single phase motors are available upto 3 H.P.

WF - Single phase motors are available up to 5 H.P.

**V4 OF & WF****SUITABLE FOR 100 mm BOREWELL OR ABOVE (Min.Bore Dia. 100mm)**

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 200-240 VOLTS SINGLE PHASE / 380-415 VOLTS THREE PHASE, 50 Hz. A.C. SUPPLY.

Maximum Motor OD :- 96.5mm &amp; Pump OD :- 98 mm

OUTLET SIZE :- 32mm

TYPE OF FLOW : RADIAL

MODEL		MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM									
OF	WF	kW	H.P.			0	28	42	43	45	52	58	64	80	92
WO:2H	WW:2H	0.37	0.50	4		35	31	29	28.5	28	26	23	21	16	11
WO:2H	WW:2H	0.75	1.00	7		60	55	51	50	49	45	41	37	28	19
WO:2H	WW:2H	1.10	1.50	10		87	78	72	71	69	63	59	53	40	28
WO:2H	WW:2H	1.10	1.50	12		104	94	86	85	83	76	71	63	49	33
WO:2H	WW:2H	1.50	2.00	14		121	110	101	99	97	89	82	74	57	39
	WW:2H	1.50	2.00	16		139	125	115	113	111	101	94	84	65	44
	WW:2H	2.20	3.00	18		156	141	129	127	125	114	106	95	73	50

MODEL		MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM									
WF	OF	kW	H.P.			0	35	42	50	70	75	80	90	95	
WW:3H(N)	WO:3H(N)	0.55	0.75	7	HEAD IN METERS	51	46	42	38	32	28	25	20	14	
WW:3H(N) E	WO:3H(N) E	0.75	1.00	7		51	46	42	38	32	28	25	20	14	
WW:3H(N)	WO:3H(N)	0.75	1.00	8		58	53	48	43	36	33	29	23	16	
WW:3H(N)	WO:3H(N)	0.75	1.00	10		73	66	60	54	45	41	36	29	20	
WW:3H(N)	WO:3H(N)	1.10	1.50	12		88	79	72	65	54	49	43	35	24	
WW:3H(N)	WO:3H(N)	1.10	1.50	15		110	99	90	81	68	61	54	44	30	
WW:3H(N)	WO:3H(N)	1.50	2.00	14		102	92	84	75	63	57	50	40	28	
WW:3H(N)	WO:3H(N)	1.50	2.00	18		132	118	108	97	81	73	64	52	36	
WW:3H(N)		2.20	3.00	21		154	138	126	113	95	85	75	60	42	
WW:3H(N)		2.20	3.00	25		183	164	150	135	113	101	89	71	50	

OUTLET SIZE :- 32mm (ON DEMAND CAN PROVIDE 38mm)

TYPE OF FLOW : RADIAL

MODEL		MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM							
WF	OF	kW	H.P.			0	13	20	24	27	34	39	45
WO 4H E	WW : 4H(L) E	0.75	1.00	10	HEAD IN METERS	73	63	59	55	53	43	35	22
WO 4H	WW : 4H(L)	0.75	1.00	14		102	88	82	77	74	60	49	31
WO 4H	WW : 4H(L)	0.75	1.00	16		116	101	94	88	84	68	56	35
WO 4H	WW : 4H(L)	1.10	1.50	18		131	113	105	99	95	77	63	40

Note : OF - Single phase motors are available upto 3 H.P.

WF - Single phase motors are available up to 5 H.P.

# V4 5H & 7H

## SUITABLE FOR 100 mm BOREWELL OR ABOVE (Min.Bore Dia. 100mm)

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 200-240 VOLTS SINGLE PHASE / 380-415 VOLTS THREE PHASE, 50 Hz. A.C. SUPPLY.

Maximum Motor OD: 96.5 mm & Pump OD : 98 mm

OUTLET SIZE :- 32mm

TYPE OF FLOW : RADIAL

MODEL		MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM									
OF	WF	kW	H.P.			0	14	16	18	20	25	30	40	45	50
VSO:5H	VS:5H	0.37	0.5	7		54	48	46	45	43	42	37	32	25	19
VSO:5H	VS:5H	0.55	0.75	10		77	69	66	64	62	60	53	45	36	27
VSO:5H	VS:5H	0.75	1	13		100	89	86	84	81	78	68	59	47	35
	VS:5H	1.1	1.5	18		139	123	119	116	112	108	95	81	65	48
	VS:5H	1.1	1.5	20		154	137	133	129	124	120	105	90	73	54
	VS:5H	1.5	2	25		193	171	166	161	155	150	131	113	91	67
	VS:5H	1.5	2	27		208	185	179	174	167	162	141	122	98	72
	VS:5H	1.5	2	30		231	206	199	193	186	180	158	135	109	80
	VS:5H	2.2	3	40	308	274	265	257	248	240	210	180	145	107	
	VS:5H	3	4	50	385	343	332	321	310	300	263	225	182	133	

OUTLET SIZE :- 32mm

TYPE OF FLOW : RADIAL

MODEL		MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM									
WF	kW	H.P.	0			25	30	35	45	50	55	60	65	75	
VS:7H	0.75	1	10	80		71	68	63	58	53	47	41	34	26	
VS:7H	1.1	1.5	15	120		107	101	95	87	79	71	62	52	40	
VS:7H	1.5	2	20	160		142	135	126	116	106	94	82	69	53	
VS:7H	2.2	3	25	201		178	169	158	145	132	118	103	86	66	
VS:7H	2.2	3	30	241		214	203	189	174	158	142	124	103	79	
VS:7H	3	4	40	321		285	270	252	232	211	189	165	138	106	
VS:7H	3.7	5	50	401		356	338	315	290	264	236	206	172	132	



# V4 OF & WF

## SUITABLE FOR 100 mm BOREWELL OR ABOVE (Min.Bore Dia. 100mm)

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 200-240 VOLTS SINGLE PHASE / 380-415 VOLTS THREE PHASE, 50 Hz. A.C. SUPPLY.

Maximum Motor OD :- 96.5mm & Pump OD :- 98mm

OUTLET SIZE :- 50 & 65mm

TYPE OF FLOW : MIXED

MODEL		MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM									
OF	WF	KW	H.P.			0	190	225	265	295	320	350	365	380	
VSO:74 J	VS:74 J	1.50	2.00	7		39	29	26	23	21	19	16	14	12	
VSO:74 J E		2.20	3.00	7		39	29	26	23	21	19	16	14	12	
VSO:74 J	VS:74 J	2.20	3.00	8		44	33	30	27	24	21	18	16	13	
	VS:74 J	2.20	3.00	9		50	37	34	30	27	24	20	18	15	
	VS:74 J	3.00	4.00	10		56	41	38	33	30	27	22	20	17	
	VS:74 J	3.70	5.00	12		67	49	45	40	36	32	27	24	20	
	VS:74 J	3.70	5.00	14		78	58	53	47	42	37	31	28	23	
	VS:74 J	4.50	6.00	16		89	66	60	53	48	43	36	32	27	
	VS:74 J	4.50	6.00	18	100	74	68	60	54	48	40	36	30		

OUTLET SIZE :- 50 & 65mm

TYPE OF FLOW : MIXED

MODEL		MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM							
OF	WF	KW	H.P.			0	210	260	320	370	425	425	600
VSO:74 C	VS:74 C	1.50	2.00	5		30	24	21	19	17	15	13	9
VSO:74 C	VS:74 C	1.50	2.00	6		36	28	26	23	21	18	15	10
VSO:74 C	VS:74 C	2.20	3.00	6		36	28	26	23	21	18	15	10
	VS:74 C	2.20	3.00	7		42	33	30	27	24	21	18	12
	VS:74 C	3.70	5.00	10		60	47	43	39	34	30	26	17
	VS:74 C	5.50	7.50	14		84	66	60	54	48	42	36	24
	VS:74 C	7.50	10.00	16		96	75	68	62	55	48	41	27

OUTLET SIZE :- 65mm

TYPE OF FLOW : MIXED

MODEL		MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM									
OF	WF	KW	H.P.			0	120	200	250	300	350	400	450	500	
VSO:79	VS:79	2.20	3.00	6		38	33	30	27	24	21	18	15	12	
	VS:79	2.20	3.00	7		44	39	35	32	28	24.5	21	18	14	
	VS:79	3.70	5.00	10		62	55	50	45	40	35	30	25	20	
	VS:79	4.50	6.00	12		75	66	60	54	48	42	36	30	24	
	VS:79	5.50	7.50	14		88	77	70	63	56	49	42	35	28	

Note : OF - Single phase motors are available upto 3 H.P.

WF - Single phase motors are available up to 5 H.P.

V5

**SUITABLE FOR 131 mm BOREWELL OR ABOVE (Min.Bore Dia. 131mm)**

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 200-240 VOLTS SINGLE PHASE / 380-415 VOLTS THREE PHASE, 50 Hz. A.C. SUPPLY.

Maximum Motor OD :- 122 mm & Pump O.D. :- 127 mm

OUTLET SIZE :- 50mm

MODEL		MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM									
		KW	H.P.			0	110	125	150	170	190	230	260		
VSH:51CS		2.20	3.00	5		50	42	39	36	33	29	24	19		
VSH:51CS		2.20	3.00	6		60	50	47	43	39	35	29	23		
VSH:51CS		3.00	4.00	8		80	66	63	57	52	47	39	31		
VSH:51CS		3.70	5.00	10		100	83	79	71	65	59	49	39		
VSH:51CS		4.50	6.00	12		120	99	95	86	78	71	59	47		
VSH:51CS		5.50	7.50	14		140	116	110	100	91	82	68	54		

OUTLET SIZE :- 50mm

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM							
	KW	H.P.			0	135	160	190	215	250	270	300
VSH:52CS	2.20	3.00	4		40	34	32	28	26	23	20	16
VSH:52CS	3.70	5.00	6		60	50	47	42	39	35	30	24
VSH:52CS	3.70	5.00	8		80	67	63	56	52	46	40	32
VSH:52CS	4.50	6.00	10		100	84	79	70	65	58	50	40
VSH:52CS	5.50	7.50	12		120	101	95	84	78	69	60	48
VSH:52CS	7.50	10.00	14		140	117	110	98	91	81	70	56

**V5**

**SUITABLE FOR 131 mm BOREWELL OR ABOVE (Min.Bore Dia. 131mm)**

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 200-240 VOLTS SINGLE PHASE / 380-415 VOLTS THREE PHASE, 50 Hz. A.C. SUPPLY.

Maximum Motor OD :- 122 mm & Pump O.D. :- 127 mm

OUTLET SIZE :- 75mm

TYPE OF FLOW : MIXED

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM					
	KW	H.P.			0	225	275	475	570	650
VS 51	2.2	3.0	3		28	25	23	20	16.5	13
VS 51	3.0	4.0	3		28	25	23	20	16.5	13
VS 51	3.7	5.0	4		37.5	33.5	31	27	21.5	17.5
VS 51	4.5	6.0	5		47	42	38	33	27	22
VS 51	5.5	7.5	6		56	50	46	39.5	32.5	26.5
VS 51	7.5	10.0	8		75	67	60.5	52.5	43.5	35

Note : Single Phase Motors are available up to 7.5 HP

# V6 Slim

## SUITABLE FOR 150mm BOREWELL OR ABOVE (Min. Bore Dia. 150mm)

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 200-240 VOLTS SINGLE PHASE / 380-415 VOLTS THREE PHASE, 50 Hz. A.C.

Maximum Motor OD :- 122mm & Pump OD :- 142mm

OUTLET SIZE :- 50mm

TYPE OF FLOW : RADIAL

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM					
	kW	H.P.			0	50	90	110	120	140
VSH:61BN (RSS)	2.2	3.0	8		85	73	68	62	56	50

OUTLET SIZE :- 50mm

TYPE OF FLOW : RADIAL

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM							
	kW	H.P.			0	95	112	120	135	150	170	190
VSH:62N (RSS)	2.2	3.0	6		65	58	52	50	47	41	35	25

OUTLET SIZE :- 50mm

TYPE OF FLOW : RADIAL

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM							
	kW	H.P.			0	140	165	185	200	230	250	270
VSH:64N (RSS)	2.2	3.0	5		59	53	50	47	44	37	33	28
VSH:64N (RSS)	3.7	5.0	8		94	85	80	75	70	59	53	45

OUTLET SIZE :- 50mm

TYPE OF FLOW : RADIAL

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM							
	kW	H.P.			0	130	175	215	220	245	280	325
VSH:64BN (RSS)	3.7	5.0	6		73	64	60	55	54	50	42	30

OUTLET SIZE :- 50mm

TYPE OF FLOW : RADIAL

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM							
	kW	H.P.			0	235	290	300	320	350	370	390
VSH:65N (RSS)	3.0	4.0	4		52	44	40	38	36	32	28	25
VSH:65N (RSS)	3.7	5.0	5		65	55	50	48	45	40	35	31
VSH:65N (RSS)	5.5	7.5	8		104	88	80	77	72	64	56	50

Note :  
Single Phase Motors are  
available up to 7.5 HP

V6

**SUITABLE FOR 150mm BOREWELL OR ABOVE (Min. Bore Dia. 150mm)**

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50 Hz. A.C. SUPPLY.

Maximum Motor OD :- 142 mm &amp; Pump OD. :- 142 mm

OUTLET SIZE :- 50mm

TYPE OF FLOW : RADIAL

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM					
	KW	H.P.			0	50	90	110	120	140
VSH:61N	2.2	3.0	8		85	73	68	62	56	50
VSH:61N	3.0	4.0	10		106	93	85	80	74	65
VSH:61N	3.7	5.0	13		138	108	96	88	78	71
VSH:61N	3.7	5.0	14		148	116	103	95	84	76
VSH:61N	4.5	6.0	16		170	150	140	128	120	104
VSH:61N	5.5	7.5	18		191	169	158	144	135	117
VSH:61N	5.5	7.5	20		212	190	175	162	152	134
VSH:61N	7.5	10.0	24		254	228	210	195	183	162
VSH:61N	9.3	12.5	30		318	285	263	243	228	201

OUTLET SIZE :- 50mm

TYPE OF FLOW : RADIAL

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM							
	KW	H.P.			0	95	112	120	135	150	170	190
VSH:62N	2.2	3.0	6		65	58	52	50	47	41	35	25
VSH:62N	3.0	4.0	8		87	77	69	67	63	55	47	33
VSH:62N	3.7	5.0	10		108	96	87	83	78	68	58	42
VSH:62N	3.7	5.0	12		130	115	105	100	94	83	70	50
VSH:62N	4.5	6.0	12		130	115	105	100	94	83	70	50
VSH:62N	4.5	6.0	14		152	134	123	117	110	97	82	58
VSH:62N	5.5	7.5	14		152	134	123	117	110	97	82	58
VSH:62N	5.5	7.5	16		173	153	140	133	125	111	93	67
VSH:62N	7.5	10.0	18		195	173	158	150	141	125	105	75
VSH:62N	7.5	10.0	20		217	192	175	167	157	138	117	83
VSH:62N	9.3	12.5	24		260	230	210	200	188	166	140	100
VSH:62N	9.3	12.5	28		303	268	245	233	219	194	163	117
VSH:62N	11.0	15.0	30		325	288	263	250	235	208	175	125

Note : Single Phase Motors  
are available up to 7.5 HP

OUTLET SIZE :- 50mm

TYPE OF FLOW : RADIAL

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM							
	kW	H.P.			0	140	165	185	200	230	250	270
VSH:64N	2.2	3.0	4		47	42	40	38	35	30	26	22
VSH:64N	2.2	3.0	5		59	53	50	47	44	37	33	28
VSH:64N	3.0	4.0	6		71	64	60	56	53	44	40	34
VSH:64N	3.7	5.0	8		94	85	80	75	70	59	53	45
VSH:64N	4.5	6.0	10		118	106	100	94	88	74	66	56
VSH:64N	5.5	7.5	12		142	127	120	113	106	89	79	67
VSH:64N	7.5	10.0	14		165	148	140	132	123	104	92	78
VSH:64N	7.5	10.0	16		189	170	160	150	141	118	106	90
VSH:64N	9.3	12.5	18	213	191	190	169	159	133	119	101	
VSH:64N	9.3	12.5	20	236	212	200	188	176	148	132	112	
VSH:64N	11.0	15.0	24	283	254	240	226	211	178	158	134	

OUTLET SIZE :- 50mm

TYPE OF FLOW : RADIAL

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM							
	kW	H.P.			0	130	175	215	220	245	280	325
VSH:64BN	2.2	3.0	4		48	43	40	37	36	33	28	20
VSH:64BN	3.7	5.0	6		73	64	60	55	54	50	42	30
VSH:64BN	4.5	6.0	8		97	85	80	73	72	67	56	40
VSH:64BN	5.5	7.5	10		122	107	100	92	90	83	70	50
VSH:64BN	7.5	10.0	12		146	128	120	110	108	100	84	60
VSH:64BN	7.5	10.0	13		158	139	130	119	117	108	91	65
VSH:64BN	9.3	12.5	15		183	160	150	138	135	125	105	75
VSH:64BN	9.3	12.5	16		195	171	160	147	144	133	112	80
VSH:64BN	11.0	15.0	20	243	213	200	183	180	167	140	100	
VSH:64BN	15.0	20.0	25	304	267	250	229	225	208	175	125	

Note : Single Phase Motors are available up to 7.5 HP

OUTLET SIZE :- 50mm

TYPE OF FLOW : RADIAL

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM							
	KW	H.P.			0	235	290	300	320	350	370	390
VSH:65N	3.7	5.0	5		65	55	50	48	45	40	35	31
VSH:65N	4.5	6.0	6		78	66	60	58	54	48	42	37
VSH:65N	5.5	7.5	8		104	88	80	77	72	64	56	50
VSH:65N	7.5	10.0	10		130	110	100	96	90	80	70	62
VSH:65N	9.3	12.5	11		143	121	110	106	99	88	77	68
VSH:65N	9.3	12.5	12		156	132	120	115	108	96	84	74
VSH:65N	9.31	2.5	13		169	143	130	125	117	104	91	81
VSH:65N	11.0	15.0	14		182	154	140	134	126	112	98	87
VSH:65N	11.0	15.0	15	195	165	150	144	135	120	105	93	
VSH:65N	13.0	17.5	16	208	176	160	154	144	128	112	99	
VSH:65N	13.0	17.5	17	221	187	170	163	153	136	119	105	
VSH:65N	15.0	20.0	20	260	220	200	192	180	160	140	124	
VSH:65N	18.5	25.0	25	325	275	250	240	225	200	175	155	
VSH:65N	22.5	30.0	30	390	330	300	288	270	240	210	186	

Note : Single Phase Motors are available up to 7.5 HP

V6

## SUITABLE FOR 150mm BOREWELL OR ABOVE (Min. Bore Dia. 150mm)

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50 Hz. A.C. SUPPLY.

Maximum Motor OD :- 142 mm & Pump OD. :- 142 mm

OUTLET SIZE :- 50mm

TYPE OF FLOW : RADIAL

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM									
	kW	H.P.			100	105	111	118	126	142	158	179	200	
VSH:61N HF	2.20	3.00	8		86	80	77	69	67	63	55	47	33	
VSH:61N HF	3.00	4.00	10		108	100	96	87	83	78	68	58	42	
VSH:61N HF	3.70	5.00	12		130	120	115	105	100	94	83	70	50	
VSH:61N HF	3.70	5.00	14		151	140	134	123	117	110	97	82	58	
VSH:61N HF	4.50	6.00	16		173	160	153	140	133	125	111	93	67	
VSH:61N HF	5.50	7.50	18		194	180	173	158	150	141	125	105	75	
VSH:61N HF	5.50	7.50	20		216	200	192	175	167	157	138	117	83	
VSH:61N HF	7.50	10.00	24		259	240	230	210	200	188	166	140	100	
VSH:61N HF	9.30	12.50	30	324	300	288	263	250	235	208	175	125		

OUTLET SIZE :- 50mm

TYPE OF FLOW : RADIAL

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM									
	kW	H.P.			115	142	147	173	194	210	242	263	284	
VSH:62N HF	2.20	3.00	6		73	66	64	60	56	53	44	40	34	
VSH:62N HF	3.00	4.00	8		97	88	85	80	75	70	59	53	45	
VSH:62N HF	3.70	5.00	10		122	110	106	100	94	88	74	66	56	
VSH:62N HF	4.00	6.00	12		146	132	127	120	113	106	89	79	67	
VSH:62N HF	5.50	7.50	14		170	154	148	140	132	123	104	92	78	
VSH:62N HF	5.50	7.50	16		195	176	170	160	150	141	118	106	90	
VSH:62N HF	7.50	10.00	18		219	198	191	190	169	159	133	119	101	
VSH:62N HF	7.50	10.00	20		243	220	212	200	188	176	148	132	112	
VSH:62N HF	9.30	12.50	24	292	264	254	240	226	211	178	158	134		
VSH:62N HF	11.00	15.00	28	341	308	297	280	263	246	207	185	157		
VSH:62N HF	13.00	17.50	30	365	330	318	300	282	264	222	198	168		
VSH:62N HF	13.00	17.50	32	389	352	340	320	300	283	236	212	180		



OUTLET SIZE :- 50mm

TYPE OF FLOW : RADIAL

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM									
	KW	H.P.			147	179	189	210	226	231	257	294	341	
VSH:64N HF	2.20	3.00	4		49	48	43	40	37	36	33	28	20	
VSH:64N HF	3.00	4.00	6		73	72	64	60	55	54	50	42	30	
VSH:64N HF	3.70	5.00	8		98	96	85	80	73	72	67	56	40	
VSH:64N HF	4.00	6.00	10		122	120	107	96	92	90	83	70	50	
VSH:64N HF	5.50	7.50	12		146	144	128	120	110	108	100	84	60	
VSH:64N HF	7.50	10.00	15		183	180	160	150	138	135	125	105	75	
VSH:64N HF	7.50	10.00	16		195	192	171	160	147	144	133	112	80	
VSH:64N HF	9.30	12.50	20		244	240	213	200	183	180	167	140	100	
VSH:64N HF	11.00	15.00	22		268	264	235	220	202	198	183	154	110	
VSH:64N HF	13.00	17.50	25		305	300	267	250	229	225	208	175	125	
VSH:64N HF	15.00	20.00	32	390	384	341	320	294	288	267	224	160		

OUTLET SIZE :- 50mm

TYPE OF FLOW : RADIAL

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM							
	KW	H.P.			119	223	276	285	304	333	352	371
VSH:64BN HF	3.00	4.00	5		60	55	50	48	45	40	35	31
VSH:64BN HF	3.70	5.00	6		72	66	60	58	54	48	42	37
VSH:64BN HF	4.00	6.00	8		96	88	80	77	72	64	56	50
VSH:64BN HF	5.50	7.50	10		120	110	100	96	90	80	70	62
VSH:64BN HF	7.50	10.00	12		144	132	120	115	108	96	84	74
VSH:64BN HF	7.50	10.00	13		156	143	130	125	117	104	91	81
VSH:64BN HF	9.30	12.50	15		180	165	150	144	135	120	105	93
VSH:64BN HF	11.00	15.00	16		192	176	160	154	144	128	112	99
VSH:64BN HF	13.00	17.50	20		240	220	200	192	180	160	140	124
VSH:64BN HF	15.00	20.00	25		300	275	250	240	225	200	175	155

OUTLET SIZE :- 50mm

TYPE OF FLOW : RADIAL

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM									
	kW	H.P.			232	254	287	320	333	355	389	410	433	
VSH:65N HF	3.7	5.0	5		62	58	54	50	46	43	38	34	30	
VSH:65N HF	4.5	6.0	6		74	70	65	60	55	52	46	41	36	
VSH:65N HF	5.5	7.5	8		99	93	86	80	74	69	61	54	48	
VSH:65N HF	7.5	10.0	10		124	116	108	100	92	86	76	68	60	
VSH:65N HF	9.31	2.5	11		136	128	119	110	101	95	84	75	66	
VSH:65N HF	9.31	2.5	12		149	139	130	120	110	103	91	82	72	
VSH:65N HF	9.31	2.5	13		161	151	140	130	120	112	99	88	78	
VSH:65N HF	11.0	15.0	14		174	162	151	140	129	120	106	95	84	
VSH:65N HF	11.0	15.0	15	186	174	162	150	138	129	114	102	90		
VSH:65N HF	13.0	17.5	16	198	186	173	160	147	138	122	109	96		
VSH:65N HF	13.0	17.5	17	211	197	184	170	156	146	129	116	102		
VSH:65N HF	15.0	20.0	20	248	232	216	200	184	172	152	136	120		
VSH:65N HF	18.5	25.0	25	310	290	270	250	230	215	190	170	150		
VSH:65N HF	22.5	30.0	30	372	348	324	300	276	258	228	204	180		

V6

SUITABLE FOR 150mm BOREWELL OR ABOVE (Min. Bore Dia. 150mm)

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50 Hz. A.C. SUPPLY.

Maximum Motor OD :- 142 mm &amp; Pump OD. :- 147 mm

OUTLET SIZE :- 50mm

TYPE OF FLOW : RADIAL

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM									
	kW	H.P.			0	50	75	96	121	145	165	178	195	206
VSS 50H	2.2	3.0	6		94	90	84	78	66	60	48	36	24	12
VSS 50H	3.0	4.0	8		125	120	112	104	88	80	64	48	32	16
VSS 50H	3.7	5.0	10		156	150	140	130	110	100	80	60	40	20
VSS 50H	4.5	6.0	12		187	180	168	156	132	120	96	72	48	24
VSS 50H	5.5	7.5	15		234	225	210	195	165	150	120	90	60	30
VSS 50H	7.5	10.0	20		312	300	280	260	220	200	160	120	80	40
VSS 50H	9.3	12.5	24		374	360	336	312	264	240	192	144	96	48

OUTLET SIZE :- 50mm

TYPE OF FLOW : RADIAL

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM									
	kW	H.P.			0	90	115	135	150	180	200	230	240	250
VSS 60H	2.2	3.0	5		78	75	68	64	58	51	41	30	21	15
VSS 60H	3.0	4.0	7		109	105	95	90	81	71	57	42	29	21
VSS 60H	3.7	5.0	8		125	120	109	102	93	82	66	48	34	24
VSS 60H	4.5	6.0	10		156	150	136	128	116	102	82	60	42	30
VSS 60H	5.5	7.5	12		187	180	163	153	139	123	99	72	51	36
VSS 60H	5.5	7.5	13		203	195	177	166	151	133	107	78	55	39
VSS 60H	7.5	10.0	16		250	240	218	205	186	163	131	96	67	48
VSS 60H	9.3	12.5	20		312	300	272	256	232	204	164	120	84	60
VSS 60H	11.0	15.0	23	359	345	313	294	267	235	189	138	97	69	
VSS 60H	11.0	15.0	24	374	360	326	307	278	245	197	144	101	72	
VSS 60H	13.0	17.5	27	421	405	367	346	313	275	221	162	113	81	
VSS 60H	15.0	20.0	30	468	450	408	384	348	306	246	180	126	90	

OUTLET SIZE :- 50mm

TYPE OF FLOW : RADIAL

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM									
	KW	H.P.			0	130	145	175	195	210	240	265	290	300
VSS 80H	2.2	3.0	4		62	58	55	52	48	45	38	32	24	18
VSS 80H	3.0	4.0	5		78	72	69	65	60	56	48	40	30	22
VSS 80H	3.7	5.0	6		93	87	82	78	72	68	57	48	36	27
VSS 80H	4.5	6.0	7		109	102	97	91	84	78	67	56	42	32
VSS 80H	4.5	6.0	8		124	116	110	104	96	90	76	64	48	36
VSS 80H	5.5	7.5	10		155	145	138	130	120	112	95	80	60	45
VSS 80H	7.5	10.0	12		186	173	166	156	144	135	114	96	72	53
VSS 80H	7.5	10.0	13		202	188	179	169	156	146	124	104	78	58
VSS 80H	9.31	2.5	15		232	218	206	195	180	169	142	120	90	68
VSS 80H	11.0	15.0	18		279	261	248	234	216	202	171	144	108	81
VSS 80H	11.0	15.0	19		294	276	261	247	228	214	180	152	114	86
VSS 80H	13.0	17.5	21		326	305	290	273	252	235	200	168	126	95
VSS 80H	13.0	17.5	22		341	319	302	286	264	248	209	176	132	99
VSS 80H	15.0	20.0	24		372	348	331	312	288	269	228	192	144	108
VSS 80H	15.0	20.0	25		388	362	344	325	300	281	238	200	150	112
VSS 80H	18.5	25.0	30		465	435	412	390	360	338	285	240	180	135

Note : Single Phase Motors are available up to 7.5 HP

OUTLET SIZE :- 50mm

TYPE OF FLOW : RADIAL

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM									
	KW	H.P.			0	150	200	250	270	310	360	380	400	
VSS 100H	2.2	3.0	3		50	46	41	37	35	29	23	19	16	
VSS 100H	3.0	4.0	4		67	61	55	49	47	39	31	25	21	
VSS 100H	3.7	5.0	5		83	77	68	62	58	48	38	32	27	
VSS 100H	4.5	6.0	6		100	92	82	74	70	58	46	38	32	
VSS 100H	5.5	7.5	8		133	123	109	99	93	77	61	51	43	
VSS 100H	7.5	10.0	10		167	153	137	123	117	97	77	63	53	
VSS 100H	9.31	2.5	12		200	184	164	148	140	116	92	76	64	
VSS 100H	11.0	15.0	15		250	230	205	185	175	145	115	95	80	
VSS 100H	13.0	17.5	17		284	260	233	209	199	165	131	107	90	
VSS 100H	13.0	17.5	18		300	276	246	222	210	174	138	114	96	
VSS 100H	15.0	20.0	20		333	307	273	247	233	193	153	127	107	
VSS 100H	18.5	25.0	25		417	383	342	308	292	242	192	158	133	
VSS 100H	22.5	30.0	30		500	460	410	370	350	290	230	190	160	

OUTLET SIZE :- 50mm

TYPE OF FLOW : RADIAL

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM									
	KW	H.P.			0	210	250	300	350	375	415	430	465	
VSS 125H	3.0	4.0	3		48	45	42	38	34	30	24	20	18	
VSS 125H	3.7	5.0	4		64	60	56	51	45	40	32	27	24	
VSS 125H	4.5	6.0	5		80	75	70	63	57	50	40	33	30	
VSS 125H	5.5	7.5	6		96	90	84	76	68	60	48	40	36	
VSS 125H	7.5	10.0	8		128	120	112	101	91	80	64	53	48	
VSS 125H	9.31	2.5	10		160	150	140	127	113	100	80	67	60	
VSS 125H	11.0	15.0	12		192	180	168	152	136	120	96	80	72	
VSS 125H	13.0	17.5	14		224	210	196	177	159	140	112	93	84	
VSS 125H	15.0	20.0	16		256	240	224	203	181	160	128	107	96	
VSS 125H	18.5	25.0	20		320	300	280	253	227	200	160	133	120	
VSS 125H	22.5	30.0	24		384	360	336	304	272	240	192	160	144	

Note : Single Phase Motors are available up to 7.5 HP

OUTLET SIZE :- 65mm

TYPE OF FLOW : RADIAL

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM									
	kW	H.P.			0	215	290	360	410	470	535	580	640	650
VSS 150H	2.2	3.0	2		32	30	28	26	24	20	16	12	8	5
VSS 150H	3.7	5.0	3		48	45	42	39	36	31	25	19	13	7
VSS 150H	4.5	6.0	4		64	60	56	52	48	41	33	25	17	10
VSS 150H	5.5	7.5	5		80	75	70	65	60	51	41	31	21	12
VSS 150H	7.5	10.0	7		112	105	98	91	84	71	57	43	29	17
VSS 150H	9.3	12.5	8		128	120	112	104	96	82	66	50	34	19
VSS 150H	11.0	15.0	10		160	150	140	130	120	102	82	62	42	24
VSS 150H	13.0	17.5	12		192	180	168	156	144	122	98	74	50	29
VSS 150H	15.0	20.0	13	208	195	182	169	156	133	107	81	55	31	
VSS 150H	18.5	25.0	17	272	255	238	221	204	173	139	105	71	41	
VSS 150H	22.5	30.0	20	320	300	280	260	240	204	164	124	84	48	

OUTLET SIZE :- 65mm

TYPE OF FLOW : RADIAL

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM									
	kW	H.P.			0	135	245	395	530	585	690	770	835	880
VSS 200H	3.0	4.0	2		32	30	28	26	22	21	15	11	8	4
VSS 200H	4.5	6.0	3		48	45	42	39	33	32	23	17	12	6
VSS 200H	5.5	7.5	4		64	60	56	52	44	42	30	22	16	8
VSS 200H	7.5	10.0	5		80	75	70	65	55	53	38	28	20	10
VSS 200H	9.3	12.5	6		96	90	84	78	66	63	45	33	24	12
VSS 200H	11.0	15.0	8		128	120	112	104	88	84	60	44	32	16
VSS 200H	13.0	17.5	9		144	135	126	117	99	95	68	50	36	18
VSS 200H	15.0	20.0	10		160	150	140	130	110	105	75	55	40	20
VSS 200H	18.5	25.0	13	208	195	182	169	143	137	98	72	52	26	
VSS 200H	22.5	30.0	15	240	225	210	195	165	158	113	83	60	30	

Note : Single Phase Motors are available up to 7.5 HP

**V6****SUITABLE FOR 150mm BOREWELL OR ABOVE (Min. Bore Dia. 150mm)**

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50 Hz. A.C. SUPPLY.

Maximum Motor OD :- 142 mm &amp; Pump OD. :- 142 mm

OUTLET SIZE :- 65mm (ON DEMAND CAN PROVIDE 75mm)

TYPE OF FLOW : MIXED

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM							
	KW	H.P.			0	335	410	420	475	550	620	650
VS 60N	2.2	3.0	3		29	24	22	21	20	18	15	14
VS 60N	3.0	4.0	4		39	32	30	29	27	24	21	19
VS 60N	3.7	5.0	5		49	39	37	36	34	30	26	23
VS 60N	4.5	6.0	6		59	47	44	44	41	36	31	28
VS 60N	5.5	7.5	7		68	55	52	51	47	42	36	32
VS 60N	5.5	7.5	8		78	63	59	58	54	48	41	37
VS 60N	7.5	10.0	10		98	79	74	73	68	60	51	46
VS 60N	9.3	12.5	12		117	95	89	87	81	72	62	56
VS 60N	11.0	15.0	15	146	118	111	109	101	90	77	69	
VS 60N	15.0	20.0	20	195	158	148	145	135	120	103	93	

OUTLET SIZE :- 75mm (ON DEMAND CAN PROVIDE 65mm)

TYPE OF FLOW : MIXED

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM							
	KW	H.P.			0	480	500	550	600	680	770	860
VS 61N	3.0	4.0	3		34	26	25	24	22	19	15	10
VS 61N	3.7	5.0	4		45	35	34	32	29	25	20	13
VS 61N	4.5	6.0	5		56	44	43	40	36	31	25	16
VS 61N	5.5	7.5	6		68	53	51	48	44	38	30	20
VS 61N	7.5	10.0	7		79	61	60	56	51	44	35	23
VS 61N	7.5	10.0	8		90	70	68	64	58	50	40	26
VS 61N	9.3	12.5	9		101	79	77	72	65	56	45	29
VS 61N	9.3	12.5	10		113	88	85	80	73	63	50	33
VS 61N	11.0	15.0	11		124	96	94	88	80	69	55	36
VS 61N	11.0	15.0	12		135	105	102	96	87	75	60	39
VS 61N	13.0	17.5	14		158	123	119	112	102	88	70	46
VS 61N	15.0	20.0	16		180	140	136	128	116	100	80	52
VS 61N	18.5	25.0	20		225	175	170	160	145	125	100	65

Note : Single Phase Motors are available up to 7.5 HP

OUTLET SIZE :- 75mm (ON DEMAND CAN PROVIDE 65mm)

TYPE OF FLOW : MIXED

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM							
	KW	H.P.			0	480	580	650	750	820	880	950
VS 63N	3.7	5.0	3		36	27	26	24	20	17	13	11
VS 63N	4.5	6.0	4		48	36	34	32	26	22	18	14
VS 63N	5.5	7.5	5		60	45	43	40	33	28	22	18
VS 63N	7.5	10.0	6		72	54	52	48	40	34	26	22
VS 63N	9.3	12.5	7		84	63	60	56	46	39	31	25
VS 63N	9.3	12.5	8		96	72	69	64	53	45	35	29
VS 63N	11.0	15.0	10		120	90	86	80	66	56	44	36
VS 63N	13.0	17.5	11		132	99	95	88	73	62	48	40
VS 63N	15.0	20.0	12		144	108	103	96	79	67	53	43



OUTLET SIZE :- 75 mm (ON DEMAND CAN PROVIDE 100mm)

TYPE OF FLOW : MIXED

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM							
	KW	H.P.			0	530	660	710	850	930	1090	1255
VS 64N	3.7	5.0	2		24	20	19	18	17	16	14	10
VS 64N	4.5	6.0	3		36	30	27	26	25	24	21	15
VS 64N	5.5	7.5	4		48	40	37	35	33	32	27	21
VS 64N	7.5	10.0	5		60	50	46	44	41	40	34	26
VS 64N	9.3	12.5	6		72	60	56	53	50	48	41	32
VS 64N	9.3	12.5	7		84	70	65	61	58	56	47	37
VS 64N	11.0	15.0	8		96	80	74	70	66	64	54	42
VS 64N	13.0	17.5	9		108	90	83	79	74	72	61	47
VS 64N	15.0	20.0	10	120	100	93	88	83	80	68	53	

Note : Single Phase Motors are available up to 7.5 HP

V6

**SUITABLE FOR 150mm BOREWELL OR ABOVE (Min. Bore Dia. 150mm)**

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50 Hz. A.C. SUPPLY.

Maximum Motor OD :- 142 mm & Pump OD. :- 144 mm

OUTLET SIZE :- 75 mm (ON DEMAND CAN PROVIDE 100mm)

TYPE OF FLOW : MIXED

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM							
	KW	H.P.			0	720	790	840	890	930	1050	1210
VS 65N	4.5	6.0	2		26	19	18	17	16	15	14	10
VS 65N	5.5	7.5	3		39	28	27	26	25	24	21	15
VS 65N	7.5	10.0	4		52	37	36	35	33	32	28	20
VS 65N	9.3	12.5	5		65	47	45	43	42	40	35	25
VS 65N	11.0	15.0	6		78	56	54	52	50	48	42	30
VS 65N	11.0	15.0	7		91	65	63	61	58	56	49	35
VS 65N	13.0	17.5	7		91	65	63	61	58	56	49	35
VS 65N	15.0	20.0	8		104	75	72	69	67	64	56	40

V6

**SUITABLE FOR 150mm BOREWELL OR ABOVE (Min. Bore Dia. 150mm)**  
 APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50 Hz. A.C. SUPPLY.  
 Maximum Motor OD :- 142 mm & Pump OD. :- 144 mm

OUTLET SIZE :- 100mm

TYPE OF FLOW : MIXED

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM						
	kW	H.P.			0	475	750	960	1060	1150	1250
VS 67E	4.5	6.0	2		27	22	19	17	15	13	10
VS 67E	5.5	7.5	3		40	33	28	26	22	19	15
VS 67E	7.5	10.0	4		54	44	38	34	30	26	20
VS 67E	9.3	12.5	5		68	55	48	42	38	32	25
VS 67E	11.0	15.0	6		81	66	58	51	45	38	30
VS 67E	13.0	17.5	7		94	77	66	61	52	45	35
VS 67E	15.0	20.0	8		108	88	76	68	60	52	40
VS 67E	18.5	25.0	10		135	110	95	85	75	65	50

OUTLET SIZE :- 100mm

TYPE OF FLOW : MIXED

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM						
	kW	H.P.			0	400	550	1150	1280	1400	1500
VS 67	5.5	7.5	2		29	24	22	16	14	11	9
VS 67	5.5	7.5	3		44	36	33	24	21	16	14
VS 67	7.5	10.0	3		44	36	33	24	21	16	14
VS 67	9.3	12.5	4		58	48	44	32	28	22	18
VS 67	11.0	15.0	5		72	60	55	40	35	28	22
VS 67	13.0	17.5	6		87	72	66	48	42	33	27
VS 67	15.0	20.0	7		102	84	77	56	49	38	32
VS 67	18.5	25.0	8		116	96	88	64	56	44	36
VS 67	22.5	30.0	10	145	120	110	80	68	55	45	

Note : Single Phase Motors are available up to 7.5 HP

**V7**

**SUITABLE FOR 175mm BOREWELL OR ABOVE (Min. Bore Dia. 175mm)**  
 APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50 Hz. A.C. SUPPLY.  
 Maximum Motor OD :- 142 mm & Pump OD. :-170 mm

OUTLET SIZE :- 100mm

TYPE OF FLOW : MIXED

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM					
	KW	H.P.			0	660	850	1020	1170	1330
VS 66R	4.5	6.0	2		29	23	20	17	13	10
VS 66R	5.5	7.5	3		44	34	30	26	20	15
VS 66R	7.5	10.0	4		58	46	40	34	26	20
VS 66R	9.3	12.5	5		72	58	50	42	32	25
VS 66R	11.0	15.0	6		87	69	60	51	39	32
VS 66R	13.0	17.5	7		102	80	70	60	46	38
VS 66R	15.0	20.0	8		116	92	80	68	54	42
VS 66R	15.0	20.0	10		145	115	105	85	65	50
VS 66R	18.5	25.0	10	145	115	105	85	65	50	
VS 66R	22.5	30.0	12	174	138	120	102	78	62	

OUTLET SIZE :- 100mm

TYPE OF FLOW : MIXED

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM					
	KW	H.P.			0	700	1040	1230	1350	1500
VS 68	5.5	7.5	2		32	24	19	16	14	10
VS 68	7.5	10.0	3		48	36	29	24	20	15
VS 68	9.3	12.5	4		64	48	38	32	26	20
VS 68	11.0	15.0	4		64	48	38	32	26	20
VS 68	11.0	15.0	5		80	60	47	38	34	25
VS 68	13.0	17.5	6		96	72	57	47	39	30
VS 68	15.0	20.0	7		112	84	67	56	46	35
VS 68	18.5	25.0	8		128	96	77	62	55	39
VS 68	22.5	30.0	10	160	120	100	80	68	50	

**SUITABLE FOR 175mm BOREWELL OR ABOVE (Min. Bore Dia. 175mm)**  
 APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50 Hz. A.C. SUPPLY.  
 Maximum Motor OD :- 142 mm & Pump OD. :- 160 mm

OUTLET SIZE :- 100mm

TYPE OF FLOW : MIXED

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM							
	kW	H.P.			0	1120	1580	1730	1890	2100	2280	2460
VJN:7JT 30 (THH)	5.5	7.5	2		34	24	22	20	18	17	14	9
VJN:7JT 25 (THHH)	5.5	7.5	3		48	36	33	30	27	25	21	14
VJN:7JT 50 (THH)	7.5	10.0	2		34	24	22	20	18	17	14	9
VJN:7JT 30 (THHH)	7.5	10.0	3		48	36	33	30	27	25	21	14
VJN:7JT 30 (THH)	9.3	12.5	3		48	36	33	30	27	25	21	14
VJN:7JT 30 (THH)	11.0	15.0	4		65	49	44	41	36	33	28	19
VJN:7JT 50 (T)	15.0	20.0	4		70	54	48	45	41	37	33	25
VJN:7JT 50 (T)	18.5	25.0	5		88	68	60	56	51	46	41	31

VJ

## SUITABLE FOR 175mm BOREWELL OR ABOVE (Min. Bore Dia. 175mm)

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50 Hz. A.C. SUPPLY.

Maximum Motor OD :- 142 mm &amp; Pump OD. :-165 mm

OUTLET SIZE :- 75mm (ON DEMAND CAN PROVIDE 100mm)

TYPE OF FLOW : MIXED

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM									
	KW	H.P.			0	460	600	950	1200	1300	1450	1550	1660	1750
VJH 7A: 25	7.50	10.00	3		52	42	39	34.5	29	25	21	17.5	15	
VJH 7A: 35	5.50	7.50	2		35	30	29	25	20	18	14	12	11	
VJH 7A: 35	9.30	12.50	3		52	45	44	38	30	27	21	19	16	
VJH 7A: 50	7.50	10.00	2		40	34	32	28	26	23	20	18	16	
VJH 7A: 50	11.00	15.00	3		60	51	48	42	39	34	30	27	24	
VJH 7A: 60	9.30	12.50	2		44	39	36	32	28	27	25	23	20	
VJHH 7A:25	7.50	10.00	3		55	44	41	35	29	27	24	21	18	
VJHH 7A:25	15.00	20.00	6		110	88	82	70	58	54	48	42	36	
VJHH 7A:35	5.50	7.50	2		37	32	31	26	22	20	17	15	12	
VJHH 7A:35	9.30	12.50	3		56	48	46	39	33	30	26	22	18	
VJHH 7A:35	11.00	15.00	4		74	64	62	52	44	40	34	30	24	
VJHH 7A:35	11.00	15.00	5		84	71	67	59	52	47	40	31	24	
VJHH 7A:35	13.00	17.50	5		84	71	67	59	52	47	40	31	24	
VJHH 7A:35	15.00	20.00	5		92	81	78	65	55	50	42	38	30	
VJHH 7A:35	18.50	25.00	6		111	96	93	78	66	60	51	45	36	
VJHH 7A:35	22.50	30.00	8		148	128	124	104	88	80	68	60	48	
VJHH 7A:50	7.50	10.00	2		42	38	35	31	27	25	23	21	19	16
VJHH 7A:50	11.00	15.00	3		63	56	53	48	40	38	34	32	28	24
VJHH 7A:50	15.00	20.00	4		84	74	70	62	54	50	46	42	38	32
VJHH 7A:50	18.50	25.00	5		105	92	88	78	68	62	58	53	48	40
VJHH 7A:50	22.50	30.00	6		126	110	105	93	81	75	69	63	57	48

## SUITABLE FOR 200mm BOREWELL OR ABOVE (Minimum Bore Diameter 200mm)

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50 Hz. A.C. SUPPLY.

Maximum Motor OD :- 142 mm & Pump OD B :- 178 mm & (C & E) :- 194 mm

OUTLET SIZE :- 100 mm

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM												
	kW	H.P.			0	460	600	950	1200	1300	1450	1550	1660	1750	1800	1950	2000
VJH 8B: 25	7.5	10.0	3		54	43	40	37	32	29	23	19	17				
VJH 8B: 35	5.5	7.5	2	37	32	30	26	23	30	17	14	12					
VJH 8B: 35	9.3	12.5	3	56	48	45	39	35	33	28	23	18					
VJH 8B: 35	11.0	15.0	4	76	64	60	52	47	43	37	31	24					
VJH 8B: 35	15.0	20.0	5	95	80	75	65	59	54	48	40	30					
VJH 8B: 35	18.5	25.0	6	114	96	90	78	70	65	57	47	36					
VJH 8B: 35	22.5	30.0	8	152	128	120	104	94	86	76	63	48					
VJH 8B: 50	7.5	10.0	2	41	36	33	30	28	24	21	19	17	14				
VJH 8B: 50	11.0	15.0	3	62	54	50	45	42	38	34	30	25	20				
VJH 8B: 50	15.0	20.0	4	82	72	66	60	56	48	42	38	34	28				
VJH 8B: 50	18.5	25.0	5	103	90	83	75	70	60	53	48	43	35				
VJH 8B: 50	22.5	30.0	6	123	108	99	90	84	72	63	57	51	42				
VJH 8B: 60	9.3	12.5	2	47	42	38	34	30	28	26	24	22	19				
VJH 8C: 60	9.3	12.5	2	45	39	37	35	33	31	29	27	24	22	20	18	16	
VJH 8B: 60	13.0	17.5	3	71	63	57	51	45	42	39	36	33	29				
VJH 8B: 60	18.5	25.0	4	94	84	76	68	60	56	52	48	44	38				
VJH 8C: 70	11.0	15.0	2	49	43	41	38	35	33	30	27	24	22	20	18	16	
VJH 8C: 70	15.0	20.0	3	73	64	61	57	52	49	47	45	42	39	36	33	30	
VJH 8E: 80	13.0	17.5	2	51	47	45	41	37	34	32	30	28	26	23	21	19	
VJH 8E: 80	18.5	25.0	3	76	71	67	62	55	51	48	45	42	39	35	32	28	
VJH 8E: 100	15.0	20.0	2	54	48	46	43	41	39	38	37	36	34	32	30	27	
VJH 8E: 100	22.5	30.0	3	81	72	69	65	62	59	57	56	54	51	48	45	41	

VJ

## SUITABLE FOR 200mm BOREWELL OR ABOVE (Minimum Bore Diameter 200mm)

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50 Hz. A.C. SUPPLY.

Maximum Motor OD :- 142 mm &amp; Pump OD B :- 178 mm &amp; (C &amp; E) :- 194 mm

OUTLET SIZE :- 100mm

TYPE OF FLOW : MIXED

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM													
	KW	H.P.			0	460	600	950	1200	1300	1450	1550	1660	1750	1800	1950	2000	2200
VJHH 8B: 25	7.5	10.0	3		56	45	42	38	34	31	26	22	19					
VJHH 8B: 35	5.5	7.5	2		39	35	32	28	25	22	18	16	13					
VJHH 8B: 35	9.3	12.5	3		59	53	48	42	37	35	30	25	20					
VJHH 8B: 35	11.0	15.0	5		100	88	80	70	62	57	50	42	33					
VJHH 8B: 50	7.5	10.0	2		44	39	37	33	32	28	25	23	20	17	14			
VJHH 8B: 50	11.0	15.0	3		66	58	56	50	47	42	37	34	30	25	21			
VJHH 8C: 50	7.5	10.0	2		43		36	33	31	28	26	25	23	20	17	15	13	
VJHH 8C: 50	11.0	15.0	3		64		54	50	46	42	40	38	35	30	25	22	20	
VJHH 8C: 60	9.31	2.5	2		47					36	34	32	30	27	25	22	20	
VJHH 8C: 60	13.0	17.5	3		69					54	51	48	45	55	37	37	30	
VJHH 8C: 70	11.0	15.0	2		51	48	46	43	40	38	36	35	33	31	30	27	25	20
VJHH 8C: 70	15.0	20.0	3		77	72	69	65	60	57	55	53	50	47	45	41	38	30

VJ

## SUITABLE FOR 200mm BOREWELL OR ABOVE (Minimum Bore Diameter 200mm)

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50 Hz. A.C. SUPPLY.

Maximum Motor OD :- 142 mm &amp; Pump OD B :- 178 mm &amp; (C &amp; E) :- 194 mm

OUTLET SIZE :- 100 mm

TYPE OF FLOW : MIXED

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM															
	KW	H.P.			0	1000	1200	1300	1350	1400	1500	1600	1700	1750	1850	2000	2150	2200	2300	2500
VJHH:8B 25(THH)	7.5	10.0	3		58	50	46	44	43	42	35	33	29	26	23	18				
VJHH:8CT 35(THH)	9.3	12.5	3		63	51	50	48	47	46	45	43	38	34	31	24	20			
VJHH:8CT 50(THH)	7.5	10.0	2		47	42	39	36	34	33	32	30	28	26	25	23	17	14	10	
VJHH:8CT 50(THH)	11.0	15.0	3		71	62	58	54	53	51	48	45	42	40	38	35	25	20	15	
VJHH:8CT 50G(THH)	11.0	15.0	3		73	69	67	65	64	63	62	61	58	56	52	48	43	38	28	20
VJHH:8C 70(THH)	11.0	15.0	2		51	48	46	43	40	38	37	35	33	31	30	27	25	20	10	

V8

**SUITABLE FOR 200mm BOREWELL OR ABOVE (Min. Bore Dia. 200mm)**

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50 Hz. A.C. SUPPLY.

Maximum Motor OD :- 180 mm &amp; Pump O.D . :-194 mm

OUTLET SIZE :- 75mm

TYPE OF FLOW : RADIAL

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM							
	KW	H.P.			0	110	250	430	550	660	710	800
VN 25 B	15.0	20.0	8		176	162	150	134	107	91	75	54
VN 25 B	18.5	25.0	10		220	202	187	168	134	114	94	68
VN 25 B	22.0	30.0	10		220	202	187	168	134	114	94	68
VN 25 B	22.0	30.0	12		264	242	224	202	161	137	113	82
VN 25 B	30.0	40.0	14		308	283	262	235	188	160	132	95
VN 25 B	30.0	40.0	16		352	323	299	269	214	182	150	109
VN 25 B	33.0	45.0	18		396	364	337	302	241	205	169	122

OUTLET SIZE :- 75mm

TYPE OF FLOW : RADIAL

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM							
	KW	H.P.			0	164	404	483	704	746	782	837
VN 30 B	11.0	15.0	5		111	104	97	93	68	60	50	41
VN 30 B	15.0	20.0	6		134	125	117	111	81	72	60	49
VN 30 B	15.0	20.0	7		156	146	136	130	95	84	70	57
VN 30 B	18.5	25.0	8		178	167	156	148	108	97	81	65
VN 30 B	22.0	30.0	10		223	209	194	185	135	121	101	81
VN 30 B	26.0	35.0	12		267	251	233	222	162	145	121	98
VN 30 B	30.0	40.0	12		267	251	233	222	162	145	121	98
VN 30 B	30.0	40.0	13		289	271	253	241	176	157	131	106
VN 30 B	37.0	50.0	15		334	313	292	278	203	181	151	122
VN 30 B	37.0	50.0	16		356	334	311	296	216	193	161	130
VN 30 B	37.0	50.0	17		378	355	330	315	230	205	171	138
VN 30 B	40.0	55.0	18		401	376	350	333	243	217	181	146
VN 30 B	45.0	60.0	20	445	418	389	370	270	241	201	163	



OUTLET SIZE :- 75mm

TYPE OF FLOW : RADIAL

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM							
	kW	H.P.			0	767	825	885	928	968	1000	1052
VN 40 RB	15.0	20.0	5		113	97	77	71	66	61	60	55
VN 40 RB	18.5	25.0	6		135	117	93	86	80	73	72	66
VN 40 RB	22.0	30.0	7		158	136	108	100	93	86	84	78
VN 40 RB	22.0	30.0	8		180	155	123	114	106	98	95	89
VN 40 RB	26.0	35.0	9		203	175	139	129	120	110	107	100
VN 40 RB	30.0	40.0	10		225	194	154	143	133	122	119	111
VN 40 RB	33.5	45.0	11		248	214	170	157	146	134	131	122
VN 40 RB	37.0	50.0	12		270	233	185	171	159	147	143	133
VN 40 RB	37.0	50.0	13		293	253	201	186	173	159	155	144
VN 40 RB	40.0	55.0	14		315	272	216	200	186	171	167	155
VN 40 RB	45.0	60.0	15		338	291	231	214	199	183	179	166

OUTLET SIZE :- 75mm

TYPE OF FLOW : RADIAL

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM								
	kW	H.P.			0	170	290	400	500	600	650	750	850
VN 50 R	5.5	7.5	2		41	40	39	40	38	36	35	31	26
VN 50 R	9.3	12.5	3		62	60	60	58	56	53	51	45	39
VN 50 R	13.0	17.5	4		82	80	78	76	74	70	68	59	50
VN 50 R	15.0	20.0	5		103	102	100	96	92	88	85	73	63
VN 50 R	18.5	25.0	6		124	121	119	115	111	106	102	89	76
VN 50 R	22.5	30.0	7		144	140	138	133	130	122	119	104	88
VN 50 R	26.0	35.0	8		164	160	156	152	148	140	136	120	100
VN 50 R	30.0	40.0	10		205	200	196	191	185	175	170	148	127
VN 50 R	33.0	45.0	11		226	220	215	210	204	193	187	162	138
VN 50 R	37.5	50.0	12		246	240	235	230	222	210	204	176	150
VN 50 R	41.0	55.0	13		266	260	255	248	240	228	221	191	162
VN 50 R	45.0	60.0	14		287	280	275	267	260	245	238	206	176

V8

## SUITABLE FOR 200mm BOREWELL OR ABOVE (Minimum Bore Diameter 200mm)

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50 Hz. A.C. SUPPLY.

Maximum Motor OD :- 180 mm & Pump O.D . :-194 mm

OUTLET SIZE :- 100mm

TYPE OF FLOW : MIXED

MODEL	PUMP TYPE	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM														
		kW	H.P.			0	800	1000	1150	1250	1400	1500	1600	1700	1800					
VQ : 25	NB	7.5	10.0	3		53	41	36	34	30	22	20	18							
VQ : 35	NB	5.5	7.5	2	38	29	26	24	21	18	17	15	14							
VQ : 35	NB	9.3	12.5	3	57	44	40	36	34	27	26	20	18							
VQ : 35	NB	11.0	15.0	4	76	59	53	48	45	35	34	30	27							
VQ : 35	NB	15.0	20.0	5	95	73	67	60	57	44	43	38	30							
VQ : 35	NB	18.5	25.0	6	114	88	80	72	68	53	51	46	36							
VQ : 35	NB	22.5	30.0	7	133	103	93	84	79	62	60	54	42							
VQ : 35	NB	26.0	35.0	8	152	118	106	96	90	71	68	62	48							
VQ : 35	NB	30.0	40.0	9	171	133	119	108	101	80	77	70	54							
VQ : 35	NB	30.0	40.0	10	190	148	132	120	112	89	85	78	60							
VQ : 35	NB	30.0	40.0	11	209	163	145	132	123	98	94	86	66							
VQ : 35	NB	33.0	45.0	11	209	163	145	132	123	98	94	86	66							
VQ : 35	NB	37.5	50.0	12	228	178	158	144	134	107	102	94	72							
VQ : 35	NB	41.0	55.0	12	228	178	158	144	134	107	102	94	72							
VQ : 35	NB	45.0	60.0	14	266	208	184	168	156	125	119	110	84							
VQ : 50	NB	7.5	10.0	2	39	32	30	28	25	21	19	17	14	13						
VQ : 50	NB	11.0	15.0	3	59	47	44	42	37	31	29	25	21	19						
VQ : 50	NB	15.0	20.0	4	79	64	60	56	50	42	38	34	28	26						
VQ : 50	NB	18.5	25.0	5	99	80	75	70	63	53	48	43	35	33						
VQ : 50	NB	22.5	30.0	6	119	96	90	84	76	64	57	52	42	40						
VQ : 50	NB	26.0	35.0	7	139	112	105	98	89	75	67	61	49	47						
VQ : 50	NB	30.0	40.0	8	159	128	120	112	102	86	76	70	56	54						
VQ : 50	NB	33.0	45.0	9	179	144	135	126	115	97	86	79	63	61						
VQ : 50	NB	37.5	50.0	10	199	160	150	140	128	108	95	88	70	68						
VQ : 50	NB	41.0	55.0	11	219	176	165	154	144	119	105	97	77	75						

OUTLET SIZE :- 100mm

TYPE OF FLOW : MIXED

MODEL	PUMP TYPE	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM									
		KW	H.P.			0	800	1000	1150	1250	1400	1500	1600	1700	1800
VQ : 50	NB	45.0	60.0	12		239	192	180	168	157	130	114	106	84	82
VQ : 60	NB	9.31	2.5	2		46	38	35	33	30	27	24	21	19	
VQ : 60	NB	13.0	17.5	3		69	57	52	50	45	41	36	32	29	
VQ : 60	NB	18.5	25.0	4		92	76	69	66	60	55	48	43	39	
VQ : 60	NB	22.5	30.0	5		115	95	86	83	75	69	60	54	49	
VQ : 60	NB	26.0	35.0	6		138	114	103	99	90	83	72	65	59	
VQ : 60	NB	33.0	45.0	7		161	133	120	116	105	97	84	76	69	
VQ : 60	NB	37.5	50.0	8		184	152	137	132	120	111	96	87	79	
VQ : 60	NB	41.0	55.0	9	207	171	154	149	135	125	108	98	89		
VQ : 60	NB	45.0	60.0	10	230	190	171	165	150	139	120	109	99		

V8

SUITABLE FOR 200mm/250mm BOREWELL OR ABOVE

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50 Hz. A.C. SUPPLY.

OUTLET SIZE :- 100mm (ON DEMAND CAN PROVIDE 125mm)

TYPE OF FLOW : MIXED

MODEL	PUMP TYPE	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM														
		KW	H.P.			0	800	1000	1150	1250	1400	1500	1600	1700	1800	1950	2050	2200	2300	2450
VQ : 70	NC	11.0	15.0	2		44			38	32	30	29	28	26	24	20	17	14	12	11
VQ : 70	NC	15.0	20.0	3		66			57	47	45	44	41	38	35	30	25	21	18	16
VQ : 70	NC	22.5	30.0	4		88			76	63	60	58	55	50	47	40	33	27	24	21
VQ : 70	NC	26.0	35.0	5		110			95	79	75	73	69	63	59	50	41	34	30	26
VQ : 80	NE	18.5	25.0	3		71	61	57	55	53	50	48	46	44	41	36	33	30	25	20
VQ : 80	NE	26.0	35.0	4		95	81	76	73	71	67	64	61	59	55	48	44	40	33	27
VQ : 80	NE	33.0	45.0	5		119	101	95	92	89	84	80	76	74	69	60	55	50	42	34
VQ : 80	NE	41.0	55.0	6		143	121	114	110	107	101	96	91	89	83	72	66	60	50	41
VQ : 80	NE	45.0	60.0	7	167	141	133	128	125	118	112	106	104	97	84	77	70	59	48	
VQ : 80	NE	49.0	65.0	8	191	161	152	147	143	135	128	121	119	111	96	88	80	67	54	

MODEL	PUMP TYPE	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM														
		kW	H.P.			0	800	1000	1150	1250	1400	1500	1600	1700	1800	1950	2050	2200	2300	2450
VQ : 80	NE	52.0	70.0	9		215	182	171	165	161	152	144	137	134	125	108	99	90	76	61
VQ : 80	NE	56.0	75.0	10		238	202	190	183	178	168	160	152	148	138	120	110	100	84	68
VQ : 80	NE	60.0	80.0	11		262	222	209	202	196	185	176	167	163	152	132	121	110	92	75
VQ : 80	NE	64.0	85.0	12		286	242	228	220	214	202	192	182	178	166	144	132	120	101	82
VQ : 80	NE	67.0	90.0	13		310	262	247	238	232	219	208	197	193	180	156	143	130	109	88
VQ : 80	NE	75.0	100.0	14		334	282	266	257	250	236	224	212	208	194	168	154	140	118	95
VQ : 100	NE	15.0	20.0	2		51	45	43	42	41	39	38	37	35	33	30	28	25	21	18
VQ : 100	NE	22.5	30.0	3		77	68	65	63	62	59	57	56	53	50	45	42	38	32	27
VQ : 100	NE	30.0	40.0	4		102	90	86	84	82	78	76	74	70	66	60	56	50	42	36
VQ : 100	NE	37.5	50.0	5		128	113	108	105	103	98	95	93	88	83	75	70	63	53	45
VQ : 100	NE	45.0	60.0	6		154	136	130	126	124	118	114	112	106	100	90	84	76	64	54
VQ : 100	NE	52.0	70.0	7		179	158	151	147	144	137	133	130	123	116	105	98	88	74	63
VQ : 100	NE	60.0	80.0	8		205	181	173	168	165	157	152	149	141	133	120	112	101	85	72
VQ : 100	NE	67.0	90.0	9		230	203	194	189	185	176	171	167	158	149	135	126	113	95	81
VQ : 100	NE	75.0	100.0	10		256	226	216	210	206	196	190	186	176	166	150	140	126	106	90
VQ : 100	NE	82.5	110.0	11		282	249	238	231	227	216	209	205	194	183	165	154	139	117	99
VQ : 100	NE	90.0	120.0	12		307	271	259	252	247	235	228	223	211	199	180	168	151	127	108
VQ : 100	NE	97.5	130.0	13		333	294	281	273	268	255	247	242	229	216	195	182	164	138	117
VQ : 100	NE	105.0	140.0	14		358	316	302	294	288	274	266	260	246	232	210	196	176	148	126
VQ : 100	NE	112.5	150.0	15		384	339	324	315	309	294	285	279	264	249	225	210	189	159	135

NOTE : Above 60 H.P motors are available only V9 & V10

V8

## SUITABLE FOR 200mm BOREWELL OR ABOVE (Min. Bore Dia. 200mm)

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50 Hz. A.C. SUPPLY.

Maximum Motor OD :- 180 mm &amp; Pump O.D.B:-178 mm &amp; C &amp; E :-194 mm

OUTLET SIZE :- 100mm (ON DEMAND CAN PROVIDE 125mm)

TYPE OF FLOW : MIXED

MODEL	PUMP TYPE	MOTOR RATING		STAGE	DISCHARGE IN LPM														
		KW	H.P.		0	1000	1150	1260	1350	1400	1550	1700	1800	1950	2050	2150	2300	2450	2550
VQ : 25	HB	7.5	10.0	3	57	41	36	33	31	27	21	19	16						
VQ : 35	HB	5.5	7.5	2	39	29	26	24	21	20	17	13	13						
VQ : 35	HB	9.31	2.5	3	58	43	39	36	32	30	25	20	19						
VQ : 35	HB	11.0	15.0	4	77	57	52	48	43	40	33	27	25						
VQ : 35	HB	15.0	20.0	5	97	72	65	60	53	50	42	33	32						
VQ : 50	HB	7.5	10.0	2	43	32	31	29	27	25	22	17	14						
VQ : 50	HB	11.0	15.0	3	65	48	46	43	40	37	32	26	21						
VQ : 50	HB	15.0	20.0	4	87	64	62	57	53	49	44	34	28						
VQ : 50	HB	18.5	25.0	5	109	80	77	71	66	61	55	43	35						
VQ : 60	HB	9.31	2.5	2	49	37	34	33	31	29	27	21	19	15					
VQ : 60	HB	13.0	17.5	3	74	56	51	50	47	44	41	32	29	23					
VQ : 70	HC	11.0	15.0	2	45		35	33	32	31	30	27	25	22	19	17	14	12	11
VQ : 70	HC	15.0	20.0	3	68		52	50	48	47	45	40	37	33	28	25	21	18	16
VQ : 70	HC	22.5	30.0	4	91		69	67	64	63	60	53	49	44	37	31	28	24	21
VQ : 70	HC	26.0	35.0	5	113		86	83	80	78	75	67	62	55	47	42	35	30	27
VQ : 70	HC	30.0	40.0	6	135		105	99	96	93	90	81	75	66	57	51	42	36	33
VQ : 70	HC	37.5	50.0	7	158		123	116	112	109	105	95	88	77	67	60	49	42	39
VQ : 70	HC	41.0	55.0	8	180		140	132	128	124	120	108	100	88	76	68	56	48	44
VQ : 70	HC	49.0	65.0	9	203		158	149	144	140	135	122	113	99	86	77	63	54	50
VQ : 70	HC	52.0	70.0	10	225		175	165	160	155	150	135	125	110	95	85	70	60	55
VQ : 80	HE	18.5	25.0	3	77		60	58	56	53	50	46	44	40	36	31	26	21	
VQ : 80	HE	26.0	35.0	4	103		80	77	75	71	67	61	59	53	48	41	35	28	
VQ : 80	HE	33.0	45.0	5	128		100	97	93	88	83	77	73	67	60	52	42	35	
VQ : 80	HE	41.0	55.0	6	154		120	116	112	106	100	92	88	80	72	62	51	42	
VQ : 100	HE	15.0	20.0	2	55		45	43	41	39	37	35	33	30	28	25	21	18	
VQ : 100	HE	22.5	30.0	3	83		68	65	62	59	56	53	50	45	42	38	32	27	
VQ : 100	HE	30.0	40.0	4	110		90	86	82	78	74	70	66	60	56	50	42	36	
VQ : 100	HE	37.5	50.0	5	138		113	108	103	98	93	88	83	75	70	63	53	45	
VQ : 100	HE	45.0	60.0	6	165		135	129	123	117	111	105	99	90	84	75	63	54	
VQ : 100	HE	52.0	70.0	7	193		158	151	144	137	130	123	116	105	98	88	74	63	

HEAD IN METERS

V8

**SUITABLE FOR 200mm BOREWELL OR ABOVE (Min. Bore Dia. 200mm)**

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50 Hz. A.C. SUPPLY.

Maximum Motor OD :- 180 mm &amp; Pump O.D. :-194 mm

OUTLET SIZE :- 125mm (ON DEMAND CAN PROVIDE 150mm)

TYPE OF FLOW : MIXED

MODEL	PUMP TYPE	MOTOR RATING		STAGE	DISCHARGE IN LPM															
		kW	H.P.		0	1250	1600	1900	2000	2100	2450	2650	2800	2900	3000	3150	3200	3300	3350	3400
VQ : 125	NI	18.5	25.0	2	61	46	43	41	40	38	36	33	32	30	29	27	25	24		
VQ : 125	NI	30.0	40.0	3	92	69	65	62	60	57	54	50	48	45	44	41	38	36		
VQ : 125	NI	37.5	50.0	4	122	92	86	82	80	76	72	66	64	60	58	54	50	48		
VQ : 125	NI	45.0	60.0	5	153	115	108	103	100	95	90	83	80	75	73	68	63	60		
VQ : 125	NI	52.0	70.0	6	183	138	129	123	120	114	108	99	96	90	87	81	75	72		
VQ : 125	NI	60.0	80.0	7	214	161	151	144	140	133	126	116	112	105	102	95	88	84		
VQ : 125	NI	67.0	90.0	8	244	184	172	164	160	152	144	132	128	120	116	108	100	96		
VQ : 125	NI	75.0	100.0	9	275	207	194	185	180	171	162	149	144	135	131	122	113	108		
VQ : 150	NI	22.5	30.0	2	64	49	46	43	42	41	39	36	35	33	32	31	29	28	26	24
VQ : 150	NI	30.0	40.0	3	96	74	69	65	63	62	59	54	53	50	48	47	44	42	39	36
VQ : 150	NI	37.5	50.0	4	128	98	92	86	84	82	78	72	70	66	64	62	58	56	52	48
VQ : 150	NI	45.0	60.0	5	160	123	115	108	105	103	98	90	88	83	80	78	73	70	65	60
VQ : 150	NI	52.0	70.0	6	192	147	138	129	126	123	117	108	105	99	96	93	87	84	78	72
VQ : 150	NI	60.0	80.0	7	224	172	161	151	147	144	137	126	123	116	112	109	102	98	91	84
VQ : 150	NI	67.0	90.0	8	256	196	184	172	168	164	156	144	140	132	128	124	116	112	104	96
VQ : 150	NI	75.0	100.0	9	288	221	207	193.5	189	185	176	162	158	149	144	140	131	126	117	108
VQ : 150	NI	82.5	110.0	10	320	245	230	215	210	205	195	180	175	165	160	155	145	140	130	120
VQ : 150	NI	90.0	120.0	11	352	270	253	237	231	226	215	198	193	182	176	171	160	154	143	132

Note : [A] Upto 60 H.P. 8" available and above 60 H.P. 9" &amp; 10" motor

## STAINLESS STEEL PUMP (5" MOTOR + 4" PUMP)

### PERFORMANCE CHART

SUITABLE FOR 125 mm BOREWELL OR ABOVE (Min.Bore Dia. 125mm)

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 200-240 VOLTS SINGLE PHASE / 380-415 VOLTS THREE PHASE, 50 Hz. A.C. SUPPLY.

Maximum Motor OD :- 122 mm & Pump OD :- 98 mm

Stainless Steel Submersible Pumpsets

OUTLET SIZE :- 32mm

TYPE OF FLOW : Radial

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM						
	kW	H.P.			0	25	30	40	50	70	75
VP 3A5	2.20	3.00	33		208	187	182	169	150	98	85
VP 3A5	3.70	5.00	52		328	295	287	266	236	154	134
VP 3A5	3.70	5.00	60		378	340	331	307	273	178	155
VP 3A5	5.50	7.50	75		473	425	414	384	341	223	193

OUTLET SIZE :- 38mm

TYPE OF FLOW : Radial

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM						
	kW	H.P.			0	31	48	68	85	100	112
VP 5A5	3.70	5.00	38		248	219	200	181	152	115	76
VP 5A5	3.70	5.00	44		287	253	231	209	176	133	88
VP 5A5	4.50	6.00	52		338	302	276	250	208	156	104
VP 5A	55.50	7.50	60		390	348	318	288	240	180	120

OUTLET SIZE :- 50mm

TYPE OF FLOW : Radial

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM						
	kW	H.P.			0	34	68	100	135	168	184
VP 8A5	3.70	5.00	25		150	138	125	115	103	78	60

## STAINLESS STEEL PUMP (6" MOTOR + 4" PUMP)

### PERFORMANCE CHART

SUITABLE FOR 150 mm BOREWELL OR ABOVE (Min. Bore Dia. 150mm)

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50 Hz. A.C. SUPPLY.

Maximum Motor OD :- 142 mm & Pump OD :- 98 mm

Stainless Steel Submersible Pumpsets

OUTLET SIZE :- 32mm

TYPE OF FLOW : Radial

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM								
	kW	H.P.			0	25	30	40	50	70	75		
WF													
VP 3A6	3.70	5.00	60		378	340	331	307	273	178	155		
VP 3A6	5.50	7.50	75		473	425	414	384	341	223	193		

OUTLET SIZE :- 38mm

TYPE OF FLOW : Radial

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM								
	kW	H.P.			0	31	48	68	85	100	112		
WF													
VP 5A6	4.50	6.00	52		338	302	276	250	208	156	104		
VP 5A6	5.50	7.50	60		390	348	318	288	240	180	120		
VP 5A6	7.50	10.00	75		488	435	398	360	300	225	150		

OUTLET SIZE :- 50mm

TYPE OF FLOW : Radial

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM								
	kW	H.P.			0	34	68	100	135	168	184		
WF													
VP 8A6	7.50	10.00	44		264	243	220	202	181	137	106		



# V4 OF & WF

## SUITABLE FOR 100 mm BOREWELL OR ABOVE (Min.Bore Dia. 100mm)

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 200-240 VOLTS SINGLE PHASE / 380-415 VOLTS THREE PHASE, 50 Hz. A.C. SUPPLY.

Maximum Motor OD :- 96.5mm & Pump OD :- 98 mm

Stainless Steel Submersible Pumpsets

OUTLET SIZE :- 32mm

TYPE OF FLOW : RADIAL

MODEL		MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM						
OF	WF	KW	H.P.			0	20	25	30	35	40	50
VPO 2A	VP 2A	0.37	0.50	6		36	32	29	26	23	16	11
VPO 2A	VP 2A	0.37	0.50	9		53	48	44	38	34	24	17
VPO 2A	VP 2A	0.55	0.75	13		77	69	64	55	49	35	24
VPO 2A	VP 2A	0.75	1.00	18		107	95	88	77	68	48	34
VPO 2A	VP 2A	1.10	1.50	23		136	122	112	98	87	62	43
VPO 2A	VP 2A	1.50	2.00	28		166	148	137	119	106	75	52
VPO 2A	VP 2A	1.50	2.00	33		195	175	161	140	125	89	62
VPO 2A	VP 2A	2.20	3.00	40		240	213	193	173	153	107	73
VPO 2A	VP 2A	2.20	3.00	48	288	256	232	208	184	128	88	

OUTLET SIZE :- 32mm

TYPE OF FLOW : RADIAL

MODEL		MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM						
OF	WF	KW	H.P.			0	25	30	40	50	70	75
VPO 3A	VP 3A	0.37	0.50	6		38	34	33	31	27	18	15
VPO 3A	VP 3A	0.55	0.75	9		57	51	50	46	41	27	23
VPO 3A	VP 3A	0.75	1.00	12		76	68	66	61	54	36	31
VPO 3A	VP 3A	1.10	1.50	15		95	85	83	77	68	44	39
VPO 3A	VP 3A	1.10	1.50	18		113	102	99	92	82	53	46
VPO 3A	VP 3A	1.50	2.00	22		139	125	121	112	100	65	57
VPO 3A	VP 3A	1.50	2.00	25		158	142	138	128	114	74	64
VPO 3A	VP 3A	2.20	3.00	29		183	164	160	148	132	86	75
VPO 3A	VP 3A	2.20	3.00	33	208	187	182	169	150	98	85	

OUTLET SIZE :- 38mm

TYPE OF FLOW : RADIAL

MODEL		MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM						
OF	WF	kW	H.P.			0	31	48	68	85	100	112
VPO 5A	VP 5A	0.37	0.50	4		26	23	21	19	16	12	8
VPO 5A	VP 5A	0.55	0.75	6		39	35	32	29	24	18	12
VPO 5A	VP 5A	0.75	1.00	8		52	46	42	38	32	24	16
VPO 5A	VP 5A	0.75	1.00	10		65	58	53	48	40	30	20
VPO 5A	VP 5A	1.10	1.50	12		78	69	66	57	48	36	24
VPO 5A	VP 5A	1.50	2.00	17		111	98	89	81	68	51	34
VPO 5A	VP 5A	2.20	3.00	21		137	121	110	100	84	63	42
VPO 5A	VP 5A	2.20	3.00	25		163	144	131	119	100	76	50

OUTLET SIZE :- 50mm

TYPE OF FLOW : RADIAL

MODEL		MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM						
OF	WF	kW	H.P.			0	34	68	100	135	168	184
VPO 8A	VP 8A	0.75	1.00	5		30	28	25	23	21	16	12
VPO 8A	VP 8A	1.10	1.50	7		42	39	35	32	29	22	17
VPO 8A	VP 8A	1.50	2.00	10		60	55	50	46	41	31	24
VPO 8A	VP 8A	2.20	3.00	12		72	66	60	55	49	37	29
VPO 8A	VP 8A	2.20	3.00	15		90	83	75	69	62	47	36

**V6****SUITABLE FOR 150mm BOREWELL OR ABOVE (Min. Bore Dia. 150mm)**

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50 Hz. A.C. SUPPLY.

Maximum Motor OD :- 142 mm &amp; Pump OD. :- 142 mm

**Stainless Steel Submersible Pumpsets**

OUTLET SIZE :- 50mm

TYPE OF FLOW : Mixed

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM						
	WF	KW			H.P.	0	100	132	160	220	270
VP 10A	2.20	3.00	6		63	59	54	50	46	40	28
VP 10A	2.20	3.00	7		73	68	63	58	53	46	32
VP 10A	3.00	4.00	10		104	98	90	83	76	66	46
VP 10A	3.70	5.50	14		146	137	127	117	106	92	64
VP 10A	5.50	7.50	15		156	146	136	125	114	99	69
VP 10A	5.50	7.50	18		188	176	163	150	137	119	83
VP 10A	7.50	10.00	20		208	195	181	167	152	132	92
VP 10A	7.50	10.00	24		250	234	217	200	182	158	110
VP 10A	7.50	10.00	27	281	263	244	225	205	178	124	
VP 10A	9.30	12.50	30	313	293	271	250	228	198	138	
VP 10A	11.00	15.00	36	375	351	326	300	273	237	165	

OUTLET SIZE :- 50mm

TYPE OF FLOW : Mixed

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM						
	WF	KW			H.P.	0	100	135	160	202	254
VP 10D	5.50	7.50	20		211	197	184	167	151	127	91
VP 10D	5.50	7.50	24		254	237	221	200	182	153	109
VP 10D	7.50	10.00	27		285	266	248	225	204	172	122
VP 10D	7.50	10.00	30		317	296	276	250	227	191	136

OUTLET SIZE :- 65mm

TYPE OF FLOW : Mixed

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM							
	WF	kW			H.P.	0	102	135	168	201	235	266
VP 15A	2.20	3.00	5		53	50	48	45	43	38	33	30
VP 15A	3.00	4.00	7		74	70	67	63	60	53	46	42
VP 15A	3.70	5.00	9		95	90	86	81	77	68	59	54
VP 15A	5.50	7.50	13		137	130	124	117	111	98	86	78
VP 15A	7.50	10.00	18		189	180	172	162	153	136	119	108
VP 15A	9.30	12.50	21		221	210	200	189	179	158	139	126
VP 15A	11.00	15.00	27		284	270	258	242	230	204	178	163

OUTLET SIZE :- 65mm

TYPE OF FLOW : Mixed

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM						
	WF	kW			H.P.	0	150	200	250	300	333
VP 17A	2.20	3.00	5		57	54	50	46	41	34	27
VP 17A	3.00	4.00	6		68	65	60	55	49	40	32
VP 17A	3.70	5.00	8		91	87	80	73	65	54	43
VP 17A	5.50	7.50	9		102	97	91	82	73	60	48
VP 17A	5.50	7.50	12		136	130	121	110	98	80	64
VP 17A	7.50	10.00	16		181	173	161	147	130	107	85
VP 17A	9.30	12.50	20		226	217	201	183	163	134	107
VP 17A	11.00	15.00	24		272	260	241	220	195	161	128

OUTLET SIZE :- 75mm

TYPE OF FLOW : Mixed

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM							
	KW	H.P.			0	202	270	335	405	470	535	652
VP 30A	2.2	3.0	2		23	21	20	19	18	16	14	9
VP 30A	3.0	4.0	3		34	32	30	28	27	24	21	13
VP 30A	3.7	5.0	4		46	43	40	38	35	32	28	17
VP 30A	3.7	5.0	5		57	54	50	47	44	40	35	22
VP 30A	5.5	7.5	6		68	64	60	57	53	48	42	26
VP 30A	5.5	7.5	7		80	75	71	66	62	57	49	30
VP 30A	5.5	7.5	8		91	86	81	76	71	65	56	35
VP 30A	7.5	10.0	9		103	96	91	85	80	73	63	39
VP 30A	9.31	2.5	10		115	105	100	95	90	80	70	45
VP 30A	9.31	2.5	11		127	116	110	105	99	88	77	50
VP 30A	9.31	2.5	12		137	128	121	114	106	97	84	52
VP 30A	11.0	15.0	12		137	128	121	114	106	97	84	52
VP 30A	11.0	15.0	13		148	139	131	123	115	105	91	56

**V6****SUITABLE FOR 150mm BOREWELL OR ABOVE (Min. Bore Dia. 150mm)**

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50 Hz. A.C. SUPPLY.

Maximum Motor OD :- 142 mm &amp; Pump OD. :- 147 mm

Stainless Steel Submersible Pumpsets

OUTLET SIZE :- 75 mm (ON DEMAND CAN PROVIDE 100mm)

TYPE OF FLOW : MIXED

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM								
	KW	H.P.			0	252	420	585	670	750	835	920	1000
VP 46A	3.0	4.0	2		27	25	23	21	19	18	16	13	11
VP 46A	3.7	5.0	3		41	38	35	31	29	26	23	20	16
VP 46A	4.5	6.0	3		41	38	35	31	29	26	23	20	16
VP 46A	5.5	7.5	4		54	50	46	41	38	35	31	26	21
VP 46A	7.5	10.0	5		68	63	58	52	48	44	39	33	26
VP 46A	9.31	2.5	6		81	75	69	62	58	53	47	40	32
VP 46A	9.31	2.5	7		95	88	81	72	67	61	54	46	37
VP 46A	11.0	15.0	8		108	100	92	82	77	70	62	53	42

OUTLET SIZE :- 75 mm (ON DEMAND CAN PROVIDE 100mm)

TYPE OF FLOW : MIXED

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM							
	kW	H.P.			0	335	502	670	835	1000	1168	1300
VP 60A	3.7	5.0	2		29	27	24	21	18	16	12	8
VP 60A	5.5	7.5	3		43	40	36	32	28	24	18	13
VP 60A	7.5	10.0	4		57	53	48	42	37	32	25	17
VP 60A	9.31	2.5	5		72	66	60	53	46	40	31	21
VP 60A	11.0	15.0	6		86	80	72	64	55	47	37	25
VP 60A	11.0	15.0	7		100	93	84	74	65	55	43	30

**VMPS**

## VERTICAL OPENWELL SUBMERSIBLE PUMPSETS

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50 Hz. A.C. SUPPLY.

MODEL	MOTOR RATING		STAGE	FRAME	PUMP TYPE	OUTLET IN mm.	HEAD IN METERS	DISCHARGE IN LPM									
	kW	H.P.						0	300	360	420	480	540	600	660	720	
VV : 301/3	2.2	3.0	3	F2/A60	M 60	65		29	25	23	22	20	17	14	12	10	
VV : 401/4	3.0	4.0	4	F2/A60	M 60	65		39	33	31	29	27	23	19	16	13	
VV : 603/5	4.5	6.0	5	F2/A100	M 61	80		59	53	49	44	38	33	30			

MODEL	MOTOR RATING		STAGE	FRAME	PUMP TYPE	OUTLET IN mm.	HEAD IN METERS	DISCHARGE IN LPM							
	kW	H.P.						0	540	600	660	720	780	840	900
VV : 602/2	4.5	6.0	2	F2/A100	R 30H	80		40	35	34	33	31	29	27	24
VV : 7507/2	5.5	7.5	2	F2/A125	R 50R	80		41			35	33	31	28	24
VV : 1003/3	7.5	10.0	3	F2/A160	R 30H	80		60	53	51	49	46	44	41	36
VV : 12502/4	9.3	12.5	4	F2/A180	R 30H	80		80	70	68	66	62	58	54	48
VV : 1502/5	11.0	15.0	5	F2/210	R 30H	80		100	87	85	82	77	72	67	60
VV : 17502/6	13.0	17.5	6	F2/A250	R 30H	80		120	105	102	99	93	87	81	72
VV : 2004/5	15.0	20.0	5	F2/A290	R 50R	80		103			87	83	79	70	61

## VERTICAL OPENWELL SUBMERSIBLE PUMPSETS

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50Hz. A.C SUPPLY

MODEL	MOTOR RATING		STAGE	FRAME	PUMP TYPE	OUTLET IN mm.	DISCHARGE IN LPM																
	kW	H.P.					0	1000	1150	1260	1350	1400	1550	1700	1800	1950	2050	2150	2300	2450	2550		
VV : 1009/3	7.5	10.0	3	F2/A160	M25HB	100/125	57	41	36	33	31	27	21	19	16								
VV : 12509/4	9.3	12.5	4	F2/A160	M 25HB	100/125	76	55	48	44	41	36	28	25	21								
VV : 1509/5	11.0	15.0	5	F2/A160	M 25HB	100/125	95	68	60	55	52	45	35	32	27								
VV : 7508/2	5.5	7.5	2	F2/A125	M 35HB	100/125	39	29	26	24	21	20	17	13	13								
VV : 12506/3	9.3	12.5	3	F2/A180	M 35HB	100/125	58	43	39	36	32	30	25	20	19								
VV : 1505/4	11.0	15.0	4	F2/A210	M 35HB	100/125	77	57	52	48	43	40	33	27	25								
VV : 2005/5	15.0	20.0	5	F2/A290	M 35HB	100/125	97	72	65	60	53	50	42	33	32								
VV : 10010/2	7.5	10.0	2	F2/A160	M 50HB	100/125	43	32	31	29	27	25	22	17	14								
VV : 1506/3	11.0	15.0	3	F2/A210	M 50HB	100/125	65	48	46	43	40	37	32	26	21								
VV : 2006/4	15.0	20.0	4	F2/A290	M 50HB	100/125	87	64	62	57	53	49	44	34	28								
VV : 10011/2	7.5	10.0	2	F2/A160	M 50HC	100/125	40	31	29	27	25	24	22	19	17	14	12						
VV : 1507/3	11.0	15.0	3	F2/A210	M 50HC	100/125	60	47	44	41	38	36	33	29	26	21	18						
VV : 2007/4	15.0	20.0	4	F2/A290	M 50HC	100/125	80	63	59	55	51	48	44	39	35	28	24						
VV : 12507/2	9.3	12.5	2	F2/A180	M 60HB	100/125	49	37	34	33	31	29	27	21	19	15							
VV : 17505/3	13.0	17.5	3	F2/A250	M 60HB	100/125	74	56	51	50	47	44	41	32	29	23							
VV : 12508/2	9.3	12.5	2	F2/A180	M 60HC	100/125	45	36	34	33	31	29	27	23	21	18							
VV : 17506/3	13.0	17.5	3	F2/A250	M 60HC	100/125	68	53	51	50	46	44	41	35	32	27							
VV : 1509/2	11.0	15.0	2	F2/A210	M 70HC	100/125	45		35	33	32	31	30	27	25	22	19	17	14	12	11		
VV : 2009/3	15.0	20.0	3	F2/A290	M 70HC	100/125	68		52	50	48	47	45	40	37	33	28	25	21	18	16		
VV : 20010/2	15.0	20.0	2	F2/A290	M 100HE	100/125	55			45	43	41	39	37	35	33	30	28	25	21	18		

HEAD IN METERS

## VERTICAL OPENWELL SUBMERSIBLE PUMPSETS

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50 Hz. A.C. SUPPLY.

MODEL	MOTOR RATING		STAGE	OUTLET IN mm.	HEAD IN METERS	DISCHARGE IN LPM									
	kW	H.P.				0	125	170	210	250	300	340	400	450	520
WVT : 25/2	2.2	3.0	2	50		41	38	37	36	35	32	29	26	21	15
WVT : 25/3	3.7	5.0	3	50		62	57	56	55	52	48	44	38	32	22
WVT : 25/4	5.5	7.5	4	50		82	76	75	73	69	64	58	51	42	29
WVT : 25/5	7.5	10.0	5	50		103	95	93	91	87	80	73	64	53	37
WVT : 25/6	7.5	10.0	6	50		124	114	112	109	104	96	87	77	63	44
WVT : 25/7	9.3	12.5	7	50		144	133	131	128	121	112	102	89	74	51

MODEL	MOTOR RATING		STAGE	OUTLET IN mm.	HEAD IN METERS	DISCHARGE IN LPM									
	kW	H.P.				0	200	250	290	340	420	480	550	600	700
WVT : 30/2	3.7	5.0	2	65		45	43	42	41	39	36	33	30	26	19
WVT : 30/3	5.5	7.5	3	65		67	64	63	61	58	54	50	44	38	28
WVT : 30/4	7.5	10.0	4	65		89	86	84	81	77	73	66	59	51	37
WVT : 30/5	9.3	12.5	5	65		112	107	105	102	97	90	83	73	63	47
WVT : 30/6	11.0	15.0	6	65		134	128	126	122	116	108	100	88	76	56
WVT : 30/7	13.0	17.5	7	65		157	150	147	143	136	126	116	102	88	66

MODEL	MOTOR RATING		STAGE	OUTLET IN mm.	HEAD IN METERS	DISCHARGE IN LPM								
	kW	H.P.				0	300	450	480	550	650	700	760	820
WVT : 35/2	5.5	7.5	2	65		45	42	41	40	37	34	29	24	21
WVT : 35/3	7.5	10.0	3	65		67	63	62	60	56	51	44	36	32
WVT : 35/4	9.3	12.5	4	65		90	84	82	80	74	68	59	48	42
WVT : 35/5	11.0	15.0	5	65		112	105	103	100	93	85	73	60	53
WVT : 35/6	13.0	17.5	6	65		134	126	124	120	112	102	88	72	64
WVT : 35/7	15.0	20.0	7	65		156	147	144	140	130	119	102	84	74



## VMPS

### VERTICAL OPENWELL MONO SUBMERSIBLE PUMPSETS

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 200-240 VOLTS THREE PHASE, 50Hz, A.C. SUPPLY

MODEL	MOTOR RATING		DEL. SIZE	STAGES	DISCHARGE IN LPM	HEAD IN METERS				
	kW	H.P.				11	24	55	60	65
VVOS 10/1.0	1.0	0.8	32	10		115	100	58	50	40

## HMPS

### HORIZONTAL OPENWELL MONO SUBMERSIBLE MONOBLOCK PUMPSETS

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50Hz, A.C. SUPPLY

MODEL	MOTOR RATING		PIPE SIZE(mm)		DISCHARGE IN LPH	HEAD IN METER						
	kW	H.P.	SUC.	DEL.		6	9	12	15	18	21	24
3 OSV 50(V)	2.20	3.00	62	50			38400	36000	33600	30000	25800	21000
3 OSV 65(V)	2.20	3.00	62	62				52800	44400	36000	6000	

NEW MODEL NAME	MOTOR RATING		PIPE SIZE(mm)		DISCHARGE IN LPH	HEAD IN METER																				
	kW	H.P.	SUC.	DEL.		44	42	40	38	36	32	30	28	26	24	23	22	21	20	19	18	17	16	15	12	10
5 OSV 50 (V)	3.7	5.0	65	50				0	270	360	420	480	500	560	570	580	595	610	620							
HMPS 2H (V)	3.7	5.0	65	50		0	200	300	350	440	490	550	580	600	605	610	620									
5 OSV 62 (V)	3.7	5.0	65	65								0	380	640	770	810	840	880	930	980	1020	1080	1120			
5 OSV 75 (V)	3.7	5.0	75	75									0	520	720	760	820	860	920	970	1020	1080	1120			
5 OSV 100 (V)	3.7	5.0	100	100										0	220	330	500	680	760	850	980	1100	1150	1200	1350	1500

NEW MODEL NAME	MOTOR RATING		PIPE SIZE(mm)		DISCHARGE IN LPH	HEAD IN METER																		
	kW	H.P.	SUC.	DEL.		48	46	44	42	40	39	38	36	34	32	30	28	26	24	22	20	18	16	
6 OSV 50 (V)	4.5	6.0	65	50		0	150	300	400	450	480	500	540	595	605	615	620	630	640	650				
6 OSV 62 (V)	4.5	6.0	65	65									0	200	500	650	770	900	1000	1100				

NEW MODEL NAME	MOTOR RATING		PIPE SIZE(mm)		DISCHARGE IN LPH	HEAD IN METER																									
	kW	H.P.	SUC.	DEL.		54	52	48	46	44	40	37.5	36	34	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	16	
HMPS (V)	5.5	7.5	65	50		0	220	300	400	450	560	580	600	630	660	680	700														
7.5 OSV 65 (V)	5.5	7.5	75	65								0	500	650	800	830	850	950	1020	1050	1080	1150	1200	1210	1220	1250	1270	1300	1330	1400	
7.5 OSV 75 (V)	5.5	7.5	75	75								0	650	740	810	880	950	960	990	1030	1070	1110	1160	1230	1270	1330					
7.5 OSV 100 (V)	5.5	7.5	100	100											0	330	540	840	900	950	1000	1090	1180	1230	1280	1300	1400	1480			

NEW MODEL NAME	MOTOR RATING		PIPE SIZE(mm)		DISCHARGE IN LPH	HEAD IN METER																		
	kW	H.P.	SUC.	DEL.		66	64	61	60	56	54	52	48	46	40	36	34	32	30	28	25	22	20	
HMPS (V)	7.5	10.0	65	50		0	200	350	400	450	480	520	550	590	650									
10 OSV 75 (V)	7.5	10.0	75	75												0	800	850	1000	1100	1180	1240	1300	
10 OSV 100 (V)	7.5	10.0	100	100											0	380	640	840	1080	1320	1560	1620		

## MINI HMPS

### HORIZONTAL OPENWELL SUBMERSIBLE MONOBLOCK PUMPSETS

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 200-240 VOLTS SINGLE PHASE / 380-415 VOLTS THREE PHASE, 50 Hz. A.C. SUPPLY.

MODEL	H.P.	SIZE (in mm)	DISCHARGE IN LPH	HEAD IN METER												
				6	9	12	15	18	21	24	28	30	32	34		
HMPS HSS	1.5	40 X 40					17100	15600	12900	10200	4800					
HMPS HSS	2.0	50 X 50					17400	15600	14400	10500	6300					

PUMP MODEL	MOTOR RATING		PIPE SIZE(mm)		DISCHARGE IN LPH	HEAD IN METER								
	kW	H.P.	SUC.	DEL.		6	9	12	15	18	21	24	26	28
ULTRA 05	0.37	0.5	25	25		11500	9000	7920	6480	4320				
ULTRA 10	0.75	1.0	25	25			13000	12000	10900	9800	8640	7300	5760	3660
ULTRA 20	1.50	2.0	50	50		26160	22800	21000	19800	16800	13200	9600	5100	

MODEL	MOTOR RATING		PIPE SIZE(mm)		DISCHARGE IN LPH	HEAD IN METER									
	kW	H.P.	SUC.	DEL.		9	12	15	18	21	24	28	30	32	33
3 OSS 50	2.25	3.0	65	50		750	700	650	550	500	400	250	0		
3 OSS 50 HH	2.25	3.0	65	50				600	500	450	430	350	250	200	0
3 OSS 65	2.25	3.0	65	65		1000	900	750	600	480	0				

PUMP MODEL	MOTOR RATING		PIPE SIZE(mm)		DISCHARGE IN LPM	HEAD IN METER							
	kW	H.P.	SUC.	DEL.		12	15	18	21	24	28	30	32
2 VPOT 50	1.5	2.0	50	50		460	440	410	330	290	195	110	0

Note: Above models are available in Aluminum Rotor only and Three phase

PUMP MODEL	MOTOR RATING		PIPE SIZE(mm)		DISCHARGE IN LPM	HEAD IN METER						
	kW	H.P.	SUC.	DEL.		12	15	18	21	24	26	
2 VPO-P 50	1.5	2.0	50	50		430	390	320	260	200	120	

Note: Above models are available in PTP and Aluminum Rotor only

CMB

## CENTRIFUGAL MONOBLOCK PUMPSETS

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 200-240 VOLTS SINGLE PHASE / 380-415 VOLTS THREE PHASE, 50 Hz. A.C. SUPPLY.

MODEL	H.P.	SIZE (in mm)	DISCHARGE IN LPH	HEAD IN METER																			
				5	6	8	9	10	12	14	16	18	20	22	24	26	28	30	32	34			
VNA 10B	0.5	25 x 25				7000	7000	6500	5500	4000	2500 <sub>max</sub>												
VNA 11B	0.5	25 x 25				7800	7680	7500	7200	6360	5000	4140	2000	0 <sub>max</sub>									
VNA 11B H	0.5	25 x 25								8500	8000	7300	6100	4000	3000 <sub>max</sub>								
VNA 28B	0.5	40 x 40		13800	10500	7200																	
VNA 28B HH	0.5	40 x 40				17200	14500	9300	7800 <sub>max</sub>														
VNA 28B L	0.5	40 x 40		16200	14100	13080	12300	6600															
VNA 29B	0.5	50 x 50		20000	18000	14000	12000	9000															
VNA 14B	1.0	25 x 25									12000	11800	10000	7500	4200								
VNA 25B	1.0	32 x 25									8200	8100	8000	7700	5700	4000 <sub>max</sub>							
VNA 13B	1.0	40 x 40				19200	19000	18700	18000	15600	12600	10800	7000										
VNA 18B	1.0	50 x 40			24000	21600	19500	16800	15000	11700	6900												
VNA 17B	1.0	50 x 50			30000	28800	26400	25500	18000														
VNA 17B HH	1.0	50 x 50				30000	27000	24000	23100	18600	7500												
VNA 40B	1.0	75 X 75		48000	42000	24000	9000																
VNA 19B	1.5	40 x 40				16000	15800	15700	14500	13500	13200	12000	11000	8300	4800								
VNA 15B	1.5	50 x 40				24600	24000	22800	20400	18000	15600	12300	8100	2400									

MODEL	H.P	SIZE (in mm)	DISCHARGE IN LPH	HEAD IN METER																
				5	6	8	9	10	12	14	16	18	20	22	24	26	28	30	32	34
VNA 20B	1.5	50 x 50				28200	27600	26400	21900	14100										
VNA 20B HH	1.5	50 x 50						16000	15000	13500	11400	7800	3000							
VNA 26B	1.5	65 x 50						28800	27600	24000	21600	16200	11000							
VNA 27B	1.5	75 X 75	54000	45000	25500	10000														
VNA 23B	2.0	50 x 40			25500	25000	24600	23100	20700	18900	16800	12000	6500							
VNA 16B	2.0	50 x 50			30000	27000	26400	24900	23100	20400	18000	13000	11800	8500 <sup>max</sup>						
VNA 16BHD	2.0	50 x 50																		
VNA 24B	2.0	65 x 50			37500	35400	34500	32400	29400	27600	22800	19200	15000							
VNA 24B HH	2.0	65 x 50						26000	23500	22000	19300	16300	13500	8000						
VNA 21B	2.0	75 x 65			42000	37200	35400	33000	29800	24000	15600									
VNA 30B	2.0	75 x 75			50000	42000	39000	35400	30000											
VNA 34B	2.0	100 x 100			72000	58500	48000	36000												
VNA 31B	3.0	75 x 65				62500	58000	50000	46500	40000	30000									
VNA 32B	3.0	75 x 75				64000	59000	52000	47000	40500	31500									
VNA 35B	3.0	100 x 100			78000	75000	61000	54000	48000	36000										
VNA 36B	3.0	50 x 50					24000	23800	23600	22900	22600	22300	21900	21500	21000	20500	20000	19600	18400	15800
VNA 37B	3.0	50 x 40							21900	21300	21000	20400	19500	18000	17400	16800	16200	15000	10500	7500
VNA 54B	5.0	100 x 100					84000	82200	81000	75000	51000									

## CMB-AL

### CENTRIFUGAL MONOBLOC PUMPSETS

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 180-240 VOLTS SINGLE PHASE, 50 Hz. A.C. SUPPLY

MODEL	MOTOR RATING		PIPE SIZE(mm)		DISCHARGE IN LPH	HEAD IN METER							
	kW	H.P.	SUC.	DEL.		6	9	12	15	18	21	24	26
VNA 10B L (LH)	0.37	0.50	25	25		7400	6400	5400	4700	2300			
VNA 11B L (LH)	0.37	0.50	25	25		6800	6300	6000	5100	3900	3600	1000	
VNA 25B L (LH)	0.75	1.00	32	25			10300	9300	8000	7800	5200	4900	3400

## PERFORMANCE CHART

# VARUNA "VMH" SERIES-"A" CLASS INSULATION THREE PHASE HIGH SPEED MONOBLOCK PUMPSETS

APPROXIMATE PERFORMANCE CHART AT 2900 RPM, 380-415 VOLTS THREE PHASE, 50 Hz. A.C. SUPPLY.

MODEL	MOTOR RATING		PIPE SIZE(mm)		Disch.in LPS	Total Head in meters												
	kW	H.P.	SUC.	DEL.		12	14	16	18	20	22	24	26	28	30	32	34	
VNA K33	2.20	3.00	65	50		6.07	6.00	5.95	5.85	5.80	5.75	5.70	5.65	5.60	5.50	4.90	3.45	
VMH 2	2.20	3.00	65	50		13.3	12.0	10.8	10.2	9.2	6.7	5.7						
VMH 2HH	2.20	3.00	65	50			12.7	12.2	11.8	11.3	10.8	10.0	9.0					

MODEL	MOTOR RATING		PIPE SIZE(mm)		Disch.in LPS	Total Head in meters													
	kW	H.P.	SUC.	DEL.		14	16	18	20	22	24	26	28	30	32	34	36	38	
VNA K55	3.70	5.00	50	40					4.66	4.55	4.49	4.44	4.38	4.27	4.22				
VMH 6	3.70	5.00	75	65		19.0	18.3	17.5	17.0	12.8	12.0								
VMH 4	3.70	5.00	65	50			14.8	14.2	13.3	12.7	11.7	11.2	10.8						
VMH 31	3.70	5.00	65	50								11.7	11.5	11.3	11.0	10.8	10.3	9.8	

MODEL	MOTOR RATING		PIPE SIZE(mm)		Disch.in LPS	Total Head in meters																	
	kW	H.P.	SUC.	DEL.		16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50
VMH 13/F	5.50	7.50	100	100		23.3	21.3	20.0	17.5	12.7													
VMH 13	5.50	7.50	100	75		25.0	23.3	21.8	18.3	14.2													
VMH 10	5.50	7.50	75	65					19.2	18.3	16.7	15.5	15.0	14.2	10.8								
VMH35	5.50	7.50	65	50								16.0	15.5	14.5	14.0	13.0	12.0	11.5					
VMH 35H	5.50	7.50	65	50												12.3	12.2	12.2	12.0	12.0	11.8	11.8	11.0

MODEL NAME	MOTOR RATING		PIPE SIZE(mm)		Disch.in LPS	Total Head in meters					
	kW	H.P.	SUC.	DEL.		22	24	26	28	30	32
VMH 15H/F	7.50	10.00	100	100		30.7	27.3	24.7	22.8	19.8	11.8
VMH 15H	7.50	10.00	100	75		30.8	29.3	27.5	25.8	22.5	19.5

MODEL	MOTOR RATING		PIPE SIZE(mm)		Disch.in LPS	Total Head in meters														
	kW	H.P.	SUC.	DEL.		36	38	40	42	44	46	48	50	52	54	56	58	60	64	68
VMH 14	7.50	10.00	65	50		13.3	13.3	13.2	13.0	12.8	12.5	12.2	11.8	11.7	11.0					
VMH 14HS	7.50	10.00	65	50			14.0	13.9	13.9	13.8	13.8	13.6	13.4	13.1	12.5					
VMH 43	7.50	10.00	65	50								9.8	9.7	9.7	9.5	9.3	9.2	9.0	8.7	8.4

MODEL	MOTOR RATING		PIPE SIZE(mm)		Disch.in LPS	Total Head in meters					
	kW	H.P.	SUC.	DEL.		48	50	52	54	56	58
VMH 18H	9.30	12.50	65	50		14	13.7	13.5	13.2	13.0	10.5

MODEL	MOTOR RATING		PIPE SIZE(mm)		Disch.in LPS	Total Head in meters									
	kW	H.P.	SUC.	DEL.		20	24	26	28	30	32	34	36	38	40
VMH 21	9.30	12.50	100	75		25.7	24.7	24.6	24.3	23.6	23.0	22.5	22.0	20.2	18.3

MODEL	MOTOR RATING		PIPE SIZE(mm)		Disch.in LPS	Total Head in meters												
	kW	H.P.	SUC.	DEL.		52	54	56	58	60	62	64	66	68	70	72	74	76
VMH 49F	9.30	12.50	65	50		10.0	9.9	9.8	9.8	9.7	9.7	9.6	9.5	9.2	8.0	7.7	7.0	6.0

MODEL	MOTOR RATING		PIPE SIZE(mm)		Disch.in LPS	Total Head in meters												
	kW	H.P.	SUC.	DEL.		24	26	28	30	32	34	36	38	40	42	44	46	48
VMH 26	11.00	15.00	100	75		31.0	30.8	30.6	30.0	29.4	28.0	26.8	25.0	23.0	20.0	17.2	15.0	12.0

MODEL	MOTOR RATING		PIPE SIZE(mm)		Disch.in LPS	Total Head in meters									
	kW	H.P.	SUC.	DEL.		48	50	56	58	60	62	64	66	68	70
VMH 32H	11.00	15.00	65	50		17.5	17.3	16.5	16.0	15.8	15.7	15.3	14.8	14.58	14.33

MODEL	MOTOR RATING		PIPE SIZE(mm)		Disch.in LPS	Total Head in meters												
	kW	H.P.	SUC.	DEL.		24	26	28	30	32	34	36	38	40	42	44	46	48
VMH 54M	15.00	20.00	100	75		38.0	37.7	37.3	37.2	37.0	35.0	33.8	32.5	31.3	28.5	26.3	24.4	23.8

MODEL	MOTOR RATING		PIPE SIZE(mm)		Disch.in LPS	Total Head in meters													
	kW	H.P.	SUC.	DEL.		52	54	56	58	60	62	64	66	68	70	72	74	76	80
VMH 60M	15.00	20.00	65	50		14.8	14.7	14.5	14.4	14.3	14.2	13.8	13.7	13.2	13.0	12.5	12.2	11.3	9.7

## PERFORMANCE CHART

# VARUNA - "A" CLASS INSULATION SINGLE PHASE MONOBLOCK PUMPSETS

APPROXIMATE PERFORMANCE CHART AT 2900 RPM, 200-240 VOLTS SINGLE PHASE, 50 Hz. A.C. SUPPLY.

MODEL	MOTOR RATING		PIPE SIZE(mm)		Disch.in LPM	Total Head in meters								
	kW	H.P.	SUC.	DEL.		6	8	10	12	15	18	21	24	27
VCS 2265 (A)	2.20	3.0	65	50		510	505	500	495	490	485	480	438	355

MODEL	MOTOR RATING		PIPE SIZE(mm)		Head in Meter	Disch.in LPM							
	kW	H.P.	SUC.	DEL.		750	672	624	582	504	426	366	294
VCS 3765	3.7	5.0	65	50		14	20	23	25	29	32	34	36

## PERFORMANCE CHART

# SELF-PRIMING MONOBLOCK PUMPSETS

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 180-240 VOLTS SINGLE PHASE, 50 Hz. A.C SUPPLY.

MODEL	MOTOR RATING		PIPE SIZE(mm)		Disch.in LPH	Total Head in meters																				
	kW	H.P.	SUC.	DEL.		6	9	10	12	15	18	20	21	22	24	26	27	28	30	32	33	36	39	40	42	
HIRA	0.37	0.5	25	25	Disch.in LPH	2200	2000		1700	1400	1200															
SAPPHIRE	0.37	0.5	25	25		1900	1750		1450	1250	1000		750		500			350								
TOPAZ	0.37	0.5	25	25				1800		1500	1300	1130		910		650			400							
CORAL	0.37	0.5	25	25		2750	2500		2200	1900	1600		1200		850		450									
IVORY	0.75	1.0	25	25				2850		2500	2150	1800		1450		1200		950		700	600					
EMERALD	0.75	1.0	25	25						2640	2380	2160		1930		1700		1480		1250	1050		500		380	
CRYSTAL I	0.75	1.0	25	25					2700			2120	2000		1650			1310		830		640	470			
CRYSTAL II	0.37	0.5	25	25					2650			2045	1900		1580			1100		650		420				
PEARL	0.75	1.0	25	25			3350	3100		2800	2700	2450		2200		2100		1730		1440		1220	900	720		430
RUBY	0.37	0.5	25	25			2770	2480		2160	1910	1690		1300		1010		500								
VSP-2	0.37	0.5	25	25			2500	2340		1940	1720	1400		1260		920		680		300						
OPAL I	0.75	1.0	25	25			3100	2850		2650	2400	2200		2000		1800		1600		1350		1150	900	700		450
OPAL II	0.37	0.5	25	25			1900	1700		1450	1250	1050		850		650		400								
SUPER MASTER II	0.37	0.5	25	25			2250	2300		2050	1800	1550		1300		1100		850		650		450				

MODEL	MOTOR RATING		PIPE SIZE(mm)		Disch.in LPH	Total Head in meters																		
	kW	H.P.	SUC.	DEL.		6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	50	51	54	
DIAMOND	0.75	1.0	25	25	Disch.in LPH	4000	3700	3400	3100	2900	2700	2500	2300	2100	1900	1600	1380	1150	1000	850	750			
DIAMOND	1.10	1.5	25	25								5000	4800	4450	4000	3800	3480	3130	2780	2480	2450	2100	1780	



## SUPER SUCTION

### SUPER SUCTION MONOBLOC PUMPSETS

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 180-240 VOLTS SINGLE PHASE, 50 Hz. A.C SUPPLY.

PUMP MODEL	MOTOR RATING		PIPE SIZE(mm)		Disch.in LPH	Total Head in meters										
	kW	H.P.	SUC.	DEL.		6	9	12	15	18	21	24	27	30	33	36
SUPER GOLD 50 D	0.37	0.5	15	15	Disch.in LPH	1520	1380	1220	1100	980	820	600	370			
SUPER GOLD 75 D	0.55	0.75	25	25		1920	1800	1680	1550	1420	1270	1120	960	800		
SUPER GOLD 100 D	0.75	1.0	25	25		2170	2015	1860	1705	1550	1300	1150	1000	850	700	450

PUMP MODEL	MOTOR RATING		PIPE SIZE(mm)		Disch.in LPH	Total Head in meters									
	kW	H.P.	SUC.	DEL.		15	18	21	24	27	30	33	36	40	45
VMB 10D	0.75	1.0	25	25	Disch.in LPH	2950	2800	2550	2320	2090	1860	1650	1445	1165	885

## SUPER SUCTION

### SLOW SPEED MONOBLOC PUMPSETS

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 180-240 VOLTS SINGLE PHASE, 50 Hz. A.C SUPPLY.

PUMP MODEL	MOTOR RATING		PIPE SIZE(mm)		Disch.in LPH	Total Head in meters												
	kW	H.P.	SUC.	DEL.		6	9	12	15	18	21	24	27	30	33	36	39	
VMS 2	0.37	0.5	25	25	Disch.in LPH	3250	2900	2650	2300	2000	1700	1500	1300	600				
VMS2N	0.37	0.5	25	25		3250	2900	2650	2300	2000	1700	1500	1300	600				
VMS 3	0.75	1.0	25	25		4090	3880	3670	3380	3100	2850	2650	2350	2060	1880	1700	1300	
VMS 3N	0.75	1.0	25	25		4090	3880	3670	3380	3100	2850	2650	2350	2060	1880	1700	1300	

## JET MONOBLOCK

### SHALLOW WELL JET PUMPSETS

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 180-240 VOLTS SINGLE PHASE, 50 Hz. A.C SUPPLY.

PUMP MODEL	MOTOR RATING		PIPE SIZE(mm)		Disch.in LPH	Total Head in meters										
	kW	H.P.	SUC.	DEL.		12	15	18	21	24	27	30	33	36	39	42
VSW - 2	0.37	0.5	25	25	Disch.in LPH	3250	3050	2800	2500	2100	1700	1200	500			
VSW - 1	0.75	1.0	25	25					3150	3050	2500	2050	1550	1100	400	
VSW - 1 B	0.75	1.0	25	25					3500	3350	3000	2550	2000	1400	1100	500

## JET MONOBLOCK

### DEEP WELL MULTI STAGE PUMPSETS AND VERTICAL - MULTI STAGE

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 180-240 VOLTS SINGLE PHASE, 50 Hz. A.C SUPPLY.

PUMP MODEL	MOTOR RATING		PIPE SIZE(mm)		Disch.in LPH	Total Head in meters							
	kW	H.P.	SUC.	DEL.		15	21	27	33	36	39	45	51
VMSJ 1.0	0.75	1.0	25	25	Disch.in LPH	1380	1280	1080	780	680	550	400	200

## JET MONOBLOCK

### DEEP WELL JET PUMPSETS AND HORIZONTAL - SINGLE STAGE

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 200-240 VOLTS SINGLE PHASE, 50 Hz. A.C SUPPLY.

PUMP MODEL	MOTOR RATING		PIPE SIZE(mm)			NO. OF STAGES	MIN BORE SIZE mm	DELIVERY HEAD Mtrs	Disch.in LPH	DEPTH TO LOW WATER LEVEL /SUCTION LIFT IN METERS											
	kW	H.P.	SUC.	DEL.	DEL.					6	9	12	15	18	21	24	27	30	33	36	39
VHJ 10 CI	0.75	1.0	32	25	25	1	100	1.6(16)	Disch.in LPH	1800	1700	1630	1510	1480	1390	1350	810	780	610	530	420
VHJ 10 CI (PARKER & ADOPPER)	0.75	1.0	32	25	25	1	50	1.6(16)		1800	1700	1630	1510	1480	1390	1350	810	780	610	530	420

## PRESSURE BOOSTER PUMP

### PRESSURE BOOSTER PUMPSETS

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 180-240 VOLTS SINGLE PHASE, 50 Hz. A.C SUPPLY.

PUMP MODEL	MOTOR RATING		PIPE SIZE(mm)		TYPE OF TANK	TYPE OF TANK	NO. OF BATHROOMS RECOMMENDED	DISCHARGE	HEAD IN METER								
	kW	H.P.	SUC.	DEL.					3	6	9	12	15	18	21	25	
VMSPBD 0.5-H 2	0.37	0.5	25	25	1.5 - 2.5	HORIZONTAL	1		M <sup>3</sup> /H	2.2	2.0	1.7	1.5	1.3	1.1	0.9	0.6
									LPH	2200	2000	1750	1550	1350	1150	900	650

PUMP MODEL	MOTOR RATING		PIPE SIZE(mm)		TYPE OF TANK	TYPE OF TANK	NO. OF BATHROOMS RECOMMENDED	DISCHARGE	HEAD IN METER										
	kW	H.P.	SUC.	DEL.					5	10	15	20	25	30	35	40	45		
10 VHMS 5 D 1.0-V 35	0.75	1.0	25	25	1.5 - 4.5	VERTICAL	3		M <sup>3</sup> /H	4.2	3.9	3.6	3.3	2.9	2.5	2.0	1.5	0.9	
									LPH	4200	3900	3600	3250	2900	2500	2000	1500	900	

## Technical Specification for Column Pipe

Nom. Size (Inch.)	Avg. OD (mm)	Avg. DN (mm)	Class	Colour Code	Safe Pulling Load With Chain Pulley (kgf)	Safe Allowable Hydrostatic Pressure (kg/cm <sup>2</sup> )	Safe Total pump Delivery head (m)	Std. Packaging (No./BdL.)
1"	33mm	25mm	V4 12.5 Light Duty	Black	480	12.5	125	40
			V4 15 Light Plus	Violet	600	15	150	25
			Medium	Orange	750	21	210	25
			Standard	Red	1100	30	300	25
1 1/4"	42mm	32mm	V4 12.5 Light Duty	Green	800	12.5	125	25
			V4 15 Light Plus	Violet	900	15	150	25
			Medium	Orange	1050	21	210	25
			Standard	Red	1500	25	250	25
			Heavy	Blue	1800	35	350	25
1 1/2"	48mm	40mm	V4 15 Light Plus	Violet	1200	15	150	20
			Medium	Orange	1500	21	210	20
			Standard	Red	1700	26	260	20
			Heavy	Blue	2000	35	350	20
2"	60mm	50mm	Eco Medium	Green	1000	8	80	15
			Medium	Orange	1450	13	130	15
			Crystal	Violet	1850	17	170	15
			Standard	Red	2100	20	200	15
			Heavy	Blue	2800	27	270	15
Super Heavy	Black	3350	35	350	10			

## Color Coding

1" -V4-12.5 Light Duty	Black
V4-15 Light Plus	Violet
Eco Medium / Light Duty	Green
Medium Duty	Orange
Crystal	Violet
Standard Duty	Red
Standard Plus	Violet
Heavy Duty	Blue
Super Heavy Duty	Black

2 1/2"	75mm	65mm	Medium	Orange	1800	10	100	10
			Standard	Red	2700	16	160	10
			Standard Plus	Violet	3500	21	210	10
			Heavy	Blue	4200	26	260	10
			Super Heavy	Black	5300	35	350	7
3"	88mm	80mm	Medium	Orange	2600	11	110	5
			Standard	Red	4000	17	170	5
			Standard Plus	Violet	4850	21	210	5
			Heavy	Blue	5650	26	260	5
			Super Heavy	Black	7300	35	350	5
4"	113mm	100mm	Medium	Orange	4000	10	100	5
			Standard	Red	5900	15	150	5
			Standard Plus	Violet	7650	21	210	5
			Heavy	Blue	9350	26	260	5
			Super Heavy	Black	12150	35	350	4

## Packaging Details

1"-V4-12.5 Light Duty	40
1"	25
1 1/4"	25
1 1/2"	20
2"	15
2 1/2"	10
3"	5
4"	5

## TECHNICAL SPECIFICATION FOR CABLES

CONDUCTOR		INSULATION		SHEATH			Conductor Resistance at 20°C (max)	Current Carrying Capacity at 40°C	Standard Packed in
Nominal Area in	Nos. & Dia. Of Wire Strands	Nominal Thickness	Nominal Core Dia.	Nominal Thickness	Approx. Overall Dimensions				
					Width'	Height'			
Sq.mm	Nos. / mm	mm	mm	mm	mm	mm	Ω / km	Amps	Packed
1.50	22 / 0.30	0.8	3.25	1.15	12.80	6.00	12.10	14	Drum
2.50	36 / 0.30	0.9	3.80	1.15	14.60	6.40	7.41	18	Drum
4.00	56 / 0.30	1.0	4.50	1.15	16.80	7.40	4.95	26	Drum
6.00	84 / 0.30	1.0	5.25	1.15	18.70	8.00	3.30	31	Drum
10.0	140 / 0.30	1.0	6.50	1.40	23.70	9.90	1.91	42	Drum
16.0	224 / 0.30	1.0	8.00	1.40	28.00	11.80	1.21	57	Drum
25.0	350 / 0.30	1.2	10.10	2.00	35.50	14.70	0.78	72	Drum
35.0	490 / 0.30	1.2	11.30	2.00	39.50	16.80	0.55	90	Drum

- Electrolytic cathode grade of 99.97% purity.
- Reference to IS standard conductors IS 8130:1984 with latest amendments.
- PVC Compound made from virgin PVC Resin.
- Max. Continuous conductor temp. in PVC in 70°C.
- Reference to IS Standard for PVC Insulation IS 5831:1984 with latest amendments.

## V3 WATER FILLED MOTOR

Model	HP	Running Capacitor	Starting Capacitor	MCB Current rating	Contactor Current rating
3VWDCP 0.5	0.5	50 mfd, 440V	80- 100 mfd, 230V	10 Amp	10 Amp
3VWDCP 0.75	0.75	50 mfd, 440V	80- 100 mfd, 230V	10 Amp	10 Amp
3VWDCP 1.0	1	72 mfd, 440V	100- 120 mfd, 230V	14 Amp	14 Amp
3VWDCP 1.5	1.5	72 mfd, 440V	100- 120 mfd, 230V	14 Amp	14 Amp

## V3 OIL FILLED MOTOR

Model	HP	Running Capacitor	Starting Capacitor	OLP Current rating	Contactor Current rating
3VODCP 0.5	0.5	25 mfd, 440V	40 – 60 mfd, 230V	8 Amp	8 Amp
3VODCP 0.75	0.75	30 mfd, 440V	40 – 60 mfd, 230V	8 Amp	8 Amp
3VODCP 1.0	1	30 mfd, 440V	40 – 60 mfd, 230V	10 Amp	10 Amp
3VODCP 1.25	1.25	36 mfd, 440V	40 – 60 mfd, 230V	10 Amp	10 Amp

## V4 WATER FILLED MOTOR

Model	HP	Running Capacitor	Starting Capacitor	MCB Current rating	Contactor Current rating
VWDCP 0.5	0.5	72 mfd 440V	100 – 120 mfd 230V	10 Amp	20 A
VWDCP 0.75	0.75	72 mfd 440V	100 – 120 mfd 230V	10 Amp	20 A
VWDCP 1.0	1	72 mfd 440V	100 – 120 mfd 230V	10Amp	20 A
VWDCP 1.5	1.5	72 mfd 440V	100 – 150 mfd 230V	16 Amp	20 A
VWDCP 2.0	2	72 mfd 440V	150 – 200 mfd 230V	16 Amp	20 A
VWDCP 3.0	3	36+72 mfd 440V	200 – 250 mfd 230V	25 Amp	20 A

## V4 OIL FILLED MOTOR

Model	HP	Running Capacitor	Starting Capacitor	OLP Current rating	Contactor Current rating
VODCP 0.5	0.5	25 mfd 440V	40 – 60 mfd	5 Amp	20A
VODCP 0.75	0.75	36 mfd 440V	40 – 60 mfd	12 Amp	20A
VODCP 1.0	1	36 mfd 440V	40 – 60 mfd	12 Amp	20A
VODCP 1.5	1.5	36 mfd 440V	40 – 60 mfd	12 Amp	20A
VODCP 2.0	2	36 mfd 440V	40 – 60 mfd	15 Amp	20A
VODCP 3.0	3	72 mfd 440V	40 – 60 mfd	25 Amp	20A

## V5 WATER FILLED PANEL

HP	Running Capacitor	Starting Capacitor	MCB	Relay -Contactor
1.50	36 Mfd	100-120 mfd	16 Amp	9-14 Amp
2.00	72 Mfd	100-120 mfd	24 Amp	13-21 Amp
3.00	72 Mfd	120-150 mfd	24 Amp	13-21 Amp
4.00	108 Mfd	200-250 mfd	40 Amp	32Amp Contactor & 2 nos 25-40 Amp relay
5.00	108 Mfd	200-250 mfd	40 Amp	32Amp Contactor & 2 nos 25-40 Amp relay
6.00	108 Mfd	200-250mfd	63 Amp	60Amp Contactor & 2 nos 50-63 Amp relay
7.50	108 Mfd	200-250 mfd	63 Amp	60Amp Contactor & 2 nos 50-63 Amp relay

## V6 WATER FILLED PANEL

HP	Running Capacitor	Starting Capacitor	MCB	Relay -Contactor
3.00	72 Mfd	200-250 mfd	40 Amp	32Amp Contactor & 2 nos 25-40 Amp relay
5.00	100 Mfd	200-250 mfd	40 Amp	32Amp Contactor & 2 nos 25-40 Amp relay
7.50	122 Mfd	200-250 mfd	63 Amp	60Amp Contactor & 2 nos 50-63 Amp relay



Mounting  
The Footprints  
Globally



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