NEXORIS
GROUP



Engineering Solutions
That Keep Water Moving

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NEXORIS GROUP

ABOUT US

Combining Engineering, Quality & Industry Expertise.



Nexoris Group is a multi-product company offering a range of pumping, motor and water-management solutions for diverse application requirements.
Our portfolio includes submersible motors, stainless steel submersible pumps, monoblock pumpsets, openwell submersible pumpsets and three-phase AC induction motors.

Our approach is centered on providing dependable products with a focus on quality, performance and practical application needs. Alongside our domestic market, Nexoris Group has an international outlook, with products reaching markets across Asia, Africa and the Middle East.

OUR STRENGTHS

- QUALITY PRODUCTS
- ADVANCED MANUFACTURING
- WIDE PRODUCT RANGE
- GLOBAL PRESENCE
- CUSTOMER FOCUSED
- RELIABLE PERFORMANCE

OUR PRODUCT RANGE











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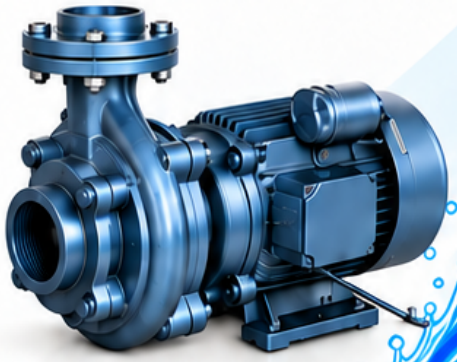
NEXORIS GROUP

PUMPS | MOTORS | CABLES

IS 8034 IS 14220 INTERNATIONAL IAF ACCREDITATION FORUM ISO 9001:2015

Engineering Solutions That Keep Water Moving





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NEXORIS GROUP

V3 Submersible Pumpset

(68 MM & 74 MM)



NEXORIS V3 Submersible Pumpset is designed for reliable performance and long service life with water filled motors. Available in both outer diameter of 68mm & 74mm. It is suitable for domestic, agricultural and industrial water supply applications with high efficiency and consistent performance.

SALIENT FEATURES

1. Fully stainless steel stator tube.
2. All the diffusers and impellers are glass filled engineer polymer with stainless steel wear rings.
3. Rotor supply with Epoxy paint for long life and corrosion free.
4. Dynamically balance rotor which give noise less & vibration free operation.
5. Light weight & Easy to operate in wide voltage band.
6. All parts machined on CNC to set consistent Quality performance.
7. Rotor are grinded & burnished to give better surface finish value which ensure long life.
8. Can be installed with HDPE/ uPVC Pipes.
9. Start Easily at low voltage.
10. All hardware are stainless steel.
11. All rubber parts are which NBR.

APPLICATION

1. Domestic water supply- Apartment, Building & Hotel
2. Fountains, Canals & Rivers.
3. Solar Application
4. Domestics water supply.
5. Fire Fighting System.
6. Unshaped and crossed borewell.
7. Replace of hand pump.

MATERIAL OF CONSTRUCTION

MOTOR

Motor Shaft	:	Stainless Steel AISI 410
Casting Part	:	CI FG 200
Thrust Bearing	:	Tilting pad self alignment carbon 5/5
Winding Wire	:	Multi layer polyester insulated
Copper	:	E.C. grade (99.9%)

PUMP

Bowl & Impeller	:	Glass filled engineered polymer.
Suction & NRV	:	CI FG 200 grade.
Pump Shaft	:	Stainless Steel AISI 410
Pump Casing	:	Stainless Steel
All Hardware	:	Stainless Steel AISI 304

TECHNICAL SPECIFICATION

Head Range	:	6 To 109 Meter.
Discharge Range	:	10 to 90 LPM.
Motor Rating	:	0.5HP to 1.5HP, 220V, 50Hz, AC Supply
Voltage Range	:	140V to 240V

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V/3 74 mm Ø
Suitable for 80mm Bore Dia
Copper Rotor

Performance At Rated Voltage i.e. 220v, 50Hz Ac Supply.

MODEL	HP	STAGE	OUTLET	PHASE	L.P.S	0.8	0.7	0.6	0.5	0.4	0.3	0
					L.P.M	48	42	37	31	24	15	0
VEW 30510	0.5	10	1.0	SP	HEAD IN METERS	17	21	25	29	34	37	39
VEW 307515	0.75	15	1.0	SP		24	31	39	47	51	56	62
VEW V30120	1	20	1.0	SP		31	38	44	54	64	73	79
VEW V31525	1.5	25	1.0	SP		15	30	45	60	76	91	113

MODEL	HP	STAGE	OUTLET	PHASE	L.P.S	0.9	0.8	0.7	0.6	0.5	0.4	0
					L.P.M	51	48	43	37	30	21	0
VEW 307510	0.75	10	1.0	SP	HEAD IN METERS	21	25	27	31	35	39	43
VEW 30115	1	15	1.0	SP		27	34	38	45	50	54	62
VEW V31520	1.5	20	1.0	SP		39	46	51	60	66	75	83

MODEL	HP	STAGE	OUTLET	PHASE	L.P.S	1.1	1.2	0.9	0.8	0.6	0.5	0
					L.P.M	66	61	54	45	38	31	0
VEW 30110	1	10	1.0	SP	HEAD IN METERS	15	18	23	27	31	35	43
VEW 301515	1.5	15	1.0	SP		22	25	36	43	49	55	64



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V4 Submersible Pumpset

NEXORIS Group manufactures high quality and highly efficient water filled submersible pumpsets.



SALIENT FEATURES

1. International NEMA spline coupling.
2. Thrust Bearing used with resins impregnated carbon v/s SS segments to ensure thrust load.
3. Impeller & Diffusers are used with glass filled engineering polymer with stainless steel wear rings.
4. Specially design for low voltage application.
5. Rotors are dynamically balance to minimise noise & vibration.
6. Pump & motors are in fully stainless steel design.
7. Rotor are painted with special epoxy paint for long life.
8. All sleeves are hard chrome plated to ensure the long life in sandy condition.
9. All the pumps are supply with guide bush at suction end along with sand protection.
10. NRV provided for reduce the back flow.

APPLICATION

1. Domestic water supply.
2. Industrial.
3. Agriculture.
4. Solar pumping system.
5. Fountains, Garden.

MATERIAL OF CONSTRUCTION

MOTOR

Motor Shaft	:	Stainless Steel AISI 410 / AISI 431.
Casting Part	:	Cast Iron FG 200 grade.
Thrust Bearing	:	Carbon v/s stainless steel
Stamping	:	Silicon steel.
Copper	:	EC Grade 99.9%

PUMP

Impeller & Diffuser	:	Glass Filled engineered polymer.
Pump Shaft	:	Fully Stainless Steel AISI 410
Suction Housing	:	Cast Iron FG 200 grade with leaded bronze guide bush.
NRV	:	Cast Iron FG 200
Sleeve	:	AISI 410 with hard chrome platting

TECHNICAL SPECIFICATION

Head Range	:	4 to 335 meter
Discharge Range	:	10 to 480 LPM
Motor Rating	:	0.5HP to 5.0HP in Single Phase - 230V, 50Hz, AC Supply 0.5HP to 7.5HP in Three Phase - 380V / 415V, 50Hz, AC Supply
Voltage Range	:	150V to 250V (1 Phase) 200V to 440V (3 Phase)

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V4 SUBMERSIBLE PUMP

PERFORMANCE CHART OF 100 MM (4") WATER FILLED SUBMERSIBLE PUMP 50HZ FREQUENCY, 160 TO 220 VOLTS RATED FOR 1PH, 350 TO 415 VOLTS RATED VOLTAGE FOR 3PH

MODEL NO.	H.P.	STAGE	OUTLET IN MM	PHASE	HEAD IN METER	DISCHARGE IN LPM						
						0	20	27	32	45	50	65
VE-10510	0.5	10	32	SP		60	50	45	40	30	20	10
VE-17515	0.75	15	32	SP		90	75	67	60	45	30	15
VE-11015	1	15	32	SP		90	75	67	60	45	30	15
VE-11018	1	18	32	SP		108	90	81	72	54	36	18
VE-11520	1.5	20	32	SP		120	100	90	80	60	40	20
VE-11522	1.5	22	32	SP		132	110	99	88	66	44	22
VE-11525	1.5	25	32	SP		150	125	112	100	75	50	25
VE-12025	2	25	32	SP		150	125	112	100	75	50	25
VE-12030	2	30	32	SP		180	150	135	120	90	60	30

MODEL NO.	H.P.	STAGE	OUTLET IN MM	PHASE	HEAD IN METER	DISCHARGE IN LPM						
						0	40	45	55	65	75	85
VE-20507	0.5	7	32	SP		42	35	31	28	21	14	7
VE-27510	0.75	10	32	SP		60	50	45	40	30	20	10
VE-27512	0.75	12	32	SP		72	60	54	48	36	24	12
VE-21013	1	12	32	SP		72	60	54	48	36	24	12
VE-21518	1.5	18	32	SP		108	90	81	72	54	36	18
VE-23030	3	28	32	SP		168	140	126	112	84	56	28
VE-25035	5	35	32	SP		210	175	157	140	105	70	35
VE-25040	5	40	32	SP		240	200	180	160	120	80	40

MODEL NO.	H.P.	STAGE	OUTLET IN MM	PHASE	HEAD IN METER	DISCHARGE IN LPM						
						0	45	55	60	80	90	100
VE-40505	0.5	5	32	SP		30	25	22	20	15	10	5
VE-47507	0.75	7	32	SP		42	35	31	28	21	14	7
VE-41010	1	10	32	SP		60	50	45	40	30	20	10
VE-41515	1.5	15	32	SP		90	75	67	60	45	30	15
VE-42020	2	20	32	SP		120	100	90	80	60	40	20
VE-43025	3	25	32	SP		150	125	112	100	75	50	25

MODEL NO.	H.P.	STAGE	OUTLET IN MM	PHASE	HEAD IN METER	DISCHARGE IN LPM						
						0	55	70	85	110	120	140
VE-57505	0.75	5	40	SP		30	25	22	20	15	10	5
VE-51007	1	7	40	SP		42	35	31	28	21	14	7
VE-51512	1.5	12	40	SP		72	60	54	48	36	24	12
VE-52015	2	15	40	SP		90	75	67	60	45	30	15
VE-53020	3	20	40	SP		120	100	90	80	60	40	20
VE-55030	5	30	40	SP		180	150	135	120	90	60	30

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V4 SUBMERSIBLE PUMP

PERFORMANCE CHART OF 100 MM (4") WATER FILLED SUBMERSIBLE PUMP 50HZ FREQUENCY, 160 TO 220 VOLTS RATED FOR 1PH, 350 TO 415 VOLTS RATED VOLTAGE FOR 3PH

MODEL NO.	H.P.	STAGE	OUTLET IN MM	HEAD IN METER / DISCHARGE IN LPM						
				0	70	90	100	125	140	160
VE-7105	1	5	40	30	25	22	20	15	10	5
VE-71508	1.5	8	40	48	40	36	32	24	16	8
VE-71510	1.5	10	40	60	50	45	40	30	20	10
VE-72010	2	10	40	60	50	45	40	30	20	10
VE-72012	2	12	40	72	60	54	48	36	24	12
VE-73015	3	15	40	90	75	67	60	45	30	15
VE-75025	5	25	40	150	125	112	100	75	50	25

MODEL NO.	H.P.	STAGE	OUTLET IN MM	HEAD IN METER / DISCHARGE IN LPM						
				0	85	100	120	145	160	180
VE-101550	1.5	5	50	30	25	22	20	15	10	5
VE-102010	2	8	50	48	40	36	32	24	16	8
VE-103012	3	12	50	72	60	54	48	36	24	12
VE-105015	5	15	50	90	75	67	60	45	30	15
VE-105020	5	20	50	120	100	90	80	60	40	20

MODEL NO.	H.P.	STAGE	OUTLET IN MM	HEAD IN METER / DISCHARGE IN LPM						
				0	140	180	230	250	360	380
VE-181504	1.5	4	65	20	18	16	14	12	8	4
VE-182006	2	6	65	30	27	27	24	18	12	6
VE-182007	2	7	65	35	32	28	28	21	14	7
VE-18309	3	9	65	45	41	36	31	27	18	9
VE-18512	5	12	65	60	54	48	48	36	24	12

MODEL NO.	H.P.	STAGE	OUTLET IN MM	HEAD IN METER / DISCHARGE IN LPM						
				0	180	220	270	300	380	450
VE-202005	2	5	65	25	22	20	17	15	10	5
VE-203006	3	6	65	30	27	24	21	18	12	6
VE-203007	3	7	65	35	35	28	24	21	14	7
VE-205010	5	10	65	50	50	40	35	30	20	10

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V4 SUBMERSIBLE PUMP 262 - TYPE

PERFORMANCE CHART OF 100 MM (4") WATER FILLED SUBMERSIBLE PUMP 50HZ FREQUENCY, 160 TO 220 VOLTS RATED FOR 1PH, 350 TO 415 VOLTS RATED VOLTAGE FOR 3PH

MODEL NO.	HP	STAGE	DELIVERY SIZE	TOTAL HEAD IN METER	DISCHARGE IN L.P.M					
					350	300	250	200	125	0
					TOTAL HEAD PER METER					
VEW-62125	2	5	2.5"		10	15	17	15	25	30
VEW-62126	2	6	2.5"		12	18	21	24	30	36
VEW-62339	3	9	2.5"		20	27	32	36	45	54

MODEL NO.	HP	STAGE	DELIVERY SIZE	TOTAL HEAD IN METER	DISCHARGE IN L.P.M					
					425	300	250	200	160	0
					TOTAL HEAD PER METER					
VEW-62338	3	8	2.5"		14	24	30	34	44	48
VEW-62337	3	7	2.5"		12	21	26	30	39	42

MODEL NO.	HP	STAGE	DELIVERY SIZE	TOTAL HEAD IN METER	DISCHARGE IN L.P.M					
					500	450	350	250	180	0
					TOTAL HEAD PER METER					
VEW-62356	5	6	2.5"		12	15	21	28	32	36
VEW-62358	5	8	2.5"		16	20	24	32	36	40
VEW-62351	5	10	2.5"		18	25	32	38	45	55
VEW-623511	5	11	2.5"		22	29	36	42	49	59
VEW-623512	5	12	2.5"		24	32	39	45	52	62
VEW-623515	5	15	2.5"		30	38	45	51	58	68

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V4 HIGH HEAD SUBMERSIBLE PUMP

PERFORMANCE CHART OF 100 MM (4") WATER FILLED SUBMERSIBLE PUMP 50HZ FREQUENCY, 220 VOLTS RATED FOR 1PH, 415 VOLTS RATED VOLTAGE FOR 3PH

SR. NO	MODEL	H.P.	STG.	OUTLET DIA IN INCH	TOTAL HEAD IN METER	DISCHARGE IN L.P.M							
						0	6	8	14	22	25	33	40
1	VHH-01018	1	18	1.25"		126	117	113	104	90	85	63	40
2	VHH-01525	1.5	25	1.25"		175	163	158	145	125	118	88	55
3	VHH-01522	1.5	22	1.25"		154	143	139	128	110	103	77	48
4	VHH-02030	2	30	1.25"		210	195	189	174	150	141	105	66

PERFORMANCE CHART OF 100 MM (4") WATER FILLED SUBMERSIBLE PUMP 50HZ FREQUENCY, 220 VOLTS RATED FOR 1PH, 415 VOLTS RATED VOLTAGE FOR 3PH

SR. NO	MODEL	H.P.	STG.	OUTLET DIA IN INCH	TOTAL HEAD IN METER	DISCHARGE IN L.P.M							
						0	15	20	25	30	36	42	48
5	VHH-11012	1	12	1.25"		84	78	74	68	60	50	34	17
6	VHH-11014	1	14	1.25"		98	91	86	78	70	57	39	18
7	VHH-11016	1	16	1.25"		112	104	99	89	80	65	44	20
8	VHH-11518	1.5	18	1.25"		126	117	112	103	90	73	50	23
9	VHH-11520	1.5	20	1.25"		140	130	124	112	100	82	56	26
10	VHH-12025	2	25	1.25"		175	163	155	143	125	104	71	34
11	VHH-13035	3	35	1.25"		245	227	217	196	175	143	98	45
12	VHH-15050	5	50	1.25"		350	325	310	280	250	205	140	65

PERFORMANCE CHART OF 100 MM (4") WATER FILLED SUBMERSIBLE PUMP 50HZ FREQUENCY, 220 VOLTS RATED FOR 1PH, 415 VOLTS RATED VOLTAGE FOR 3PH

SR. NO	MODEL	H.P.	STG.	OUTLET DIA IN INCH	TOTAL HEAD IN METER	DISCHARGE IN L.P.M							
						0	20	25	32	40	50	55	60
13	VHH-21010	1	10	1.25"		75	68	65	58	50	27	27	17
14	VHH-21515	1.5	15	1.25"		113	103	98	88	75	55	40	25
15	VHH-22020	2	20	1.25"		150	137	130	117	100	73	53	33
16	VHH-23025	3	25	1.25"		188	171	163	146	125	92	67	42
17	VHH-23028	3	28	1.25"		210	190	182	162	140	130	75	47
18	VHH-25035	5	35	1.25"		262	238	227	203	175	129	94	59
19	VHH-25040	5	40	1.25"		300	272	260	232	200	148	108	68
20	VHH-26045	6	45	1.25"		337	306	292	261	225	166	121	76
21	VHH-27550	7.5	50	1.25"		375	340	235	290	250	185	135	85

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V4 HIGH HEAD SUBMERSIBLE PUMP

PERFORMANCE CHART OF 100 MM (4") WATER FILLED SUBMERSIBLE PUMP 50HZ FREQUENCY, 220 VOLTS RATED FOR 1PH, 415 VOLTS RATED VOLTAGE FOR 3PH

SR. NO	MODEL	H.P.	STG.	OUTLET DIA IN INCH	TOTAL HEAD IN METER	DISCHARGE IN LPM							
						0	35	50	60	70	75	90	100
22	VHH-41007	1	7	1.5"		56	53	50	44	**35**	**28**	21	12
23	VHH-41008	1	8	1.5"		64	61	58	51	**40**	**33**	25	15
24	VHH-41510	1.5	10	1.5"		80	77	73	64	**50**	**42**	32	18
25	VHH-41512	1.5	12	1.5"		96	92	87	76	**60**	**50**	38	22
26	VHH-42014	2	14	1.5"		112	107	102	89	**70**	**58**	44	26
27	VHH-42015	2	15	1.5"		120	144	108	94	**75**	**61**	46	27
28	VHH-43020	3	20	1.5"		160	153	146	127	**100**	**83**	63	37
29	VHH-45030	5	30	1.5"		240	230	218	191	**150**	**125**	95	55
30	VHH-46040	6	40	1.5"		320	307	291	254	**200**	**167**	127	73
31	VHH-47545	7.5	45	1.5"		360	345	238	286	**225**	**188**	143	83

PERFORMANCE CHART OF 100 MM (4") WATER FILLED SUBMERSIBLE PUMP 50HZ FREQUENCY, 220 VOLTS RATED FOR 1PH, 415 VOLTS RATED VOLTAGE FOR 3PH

SR. NO	MODEL	H.P.	STG.	OUTLET DIA IN INCH	TOTAL HEAD IN METER	DISCHARGE IN LPM							
						0	15	20	25	30	36	42	48
32	VHH-51005	1	5	1.5"		40	36	34	30	**25**	22	18	11
33	VHH-51507	1.5	8	1.5"		64	58	54	48	**40**	**36**	28	18
34	VHH-52010	2	10	1.5"		80	73	68	61	**50**	**45**	36	23
35	VHH-52012	2	12	1.5"		96	87	81	73	**60**	**54**	43	27
36	VHH-53015	3	15	1.5"		120	109	102	91	**75**	**67**	54	34
37	VHH-55025	5	25	1.5"		200	182	170	152	**125**	**112**	90	57
38	VHH-56035	6	35	1.5"		280	255	238	213	**175**	**157**	126	80
39	VHH-57540	7.5	40	1.5"		320	292	242	244	**200**	**180**	144	92

PERFORMANCE CHART OF 100 MM (4") WATER FILLED SUBMERSIBLE PUMP 50HZ FREQUENCY, 220 VOLTS RATED FOR 1PH, 415 VOLTS RATED VOLTAGE FOR 3PH

SR. NO	MODEL	H.P.	STG.	OUTLET DIA IN INCH	TOTAL HEAD IN METER	DISCHARGE IN LPM							
						0	20	25	32	40	50	55	60
40	VHH-71506	1.5	6	2.0"		48	42	39	34	**30**	24	21	16
41	VHH-72008	2	8	2.0"		64	56	52	46	**40**	33	28	22
42	VHH-73010	3	10	2.0"		80	70	65	57	**50**	41	35	27
43	VHH-73012	3	12	2.0"		96	84	78	70	**60**	**49**	42	34
44	VHH-75020	5	20	2.0"		160	140	130	116	**100**	**82**	70	56
45	VHH-76030	6	30	2.0"		240	210	195	171	**150**	**123**	105	81
46	VHH-77535	7.5	35	2.0"		280	245	227	199	**175**	**143**	122	94

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NEXORIS GROUP

V5 SUBMERSIBLE PUMPSET



Nexoris brand makes highly efficient durable and best Quality V5 submersible pumpset with water filled submersible motors.

SALIENT FEATURES

1. High efficient investment casting process diffusers are use with AISI 304 Material.
2. All the rotating parts are balance in precision grade to reduce vibration & noise..
3. All guide bushes are protected with sand guards.
4. Upper thrust provision provided in each model.
5. Pumps are provided with suction guide support.
6. Bearing sleeves are provided with hard chrome platting.
7. Carbon V/S Stainless steel thrust bearing are provided to withstand high thrust load.
8. Pumps are Design for maximum water discharge.
9. Winding wires are wrapped with superior polymer to withstand wide voltage fluctuation.
10. Rotors are painted with special epoxy paint for long life.

APPLICATION

1. Irrigation/Sprinkler
2. Commodity water supply,
3. Industrial
4. High rise buildings
5. Sprinklers
6. Unshaped and crooked 6” borehole

MATERIAL OF CONSTRUCTION

MOTOR

Motor Shaft	:	Fully Stainless steel AISI 410.
Stamping	:	Silicon steel.
Casting Part	:	Cast Iron FG 200 grade.
Thrust Bearing	:	Carbon v/s Stainless Steel.
Copper	:	EC grade min 99.90%.

PUMP

Diffuser	:	AISI 304 Investment Casting
Impeller	:	Stainless Steel AISI 410
Suction Housing	:	Cast Iron FG 200 grade.
Pump Shaft	:	Fully Stainless Steel AISI 410
Sleeve	:	AISI 410 with hard chrome platting.

TECHNICAL SPECIFICATION

Head Range	:	24 to 268 meter
Discharge Range	:	60 to 420 LPM
Motor Rating	:	3.0 HP to 15.0 HP in three phase. - 380V /415V, 50Hz, AC Supply 3.0 HP to 5.0 HP in single phase. - 230V, 50Hz, AC Supply
Voltage Range	:	160V to 250V (1 Phase) 200V to 440V (3 Phase)

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V5 RADIAL FLOW

SUITABLE FOR 125mm (5") BOREWELL Water Filled, OUT SIDE DIA. 122 mm SUPPLY VOLTAGE AT 415 V, 50HZ

MODEL	STAGE	KW	H.P	OUTLET SIZE	TOTAL HEAD IN METER	DISCHARGE IN LPM							
						0	50	60	70	90	110	130	150
VE-3310	10	2.2	3	2"		108	95	92	88	79	71	63	54
VE-3412	12	3	4	2"		130	114	110	106	95	85	76	65
VE-3515	15	3.7	5	2"		160	142	136	132	119	106	95	81
VE-3620	20	4.5	6	2"		216	190	184	176	158	142	126	108
VE-3725	25	5.5	7.5	2"		270	238	230	220	198	178	158	135
VE-3130	30	7.5	10	2"		324	285	276	264	237	213	189	162

MODEL	STAGE	KW	H.P	OUTLET SIZE	TOTAL HEAD IN METER	DISCHARGE IN LPM							
						0	75	100	120	140	160	170	190
VE-4380	8	2.2	3	2"		80	72	68	64	60	56	52	48
VE-4410	10	3	4	2"		100	90	85	80	75	70	65	60
VE-4512	12	3.7	5	2"		120	108	102	96	90	84	78	72
VE-4615	15	4.5	6	2"		150	135	127	120	112	105	97	90
VE-4718	18	5.5	7.5	2"		180	162	153	144	135	126	117	108
VE-4720	20	5.5	7.5	2"		200	180	170	160	150	140	130	120
VE-41025	25	7.5	10	2"		250	225	212	200	187	175	162	150

MODEL	STAGE	KW	H.P	OUTLET SIZE	TOTAL HEAD IN METER	DISCHARGE IN LPM							
						0	100	130	150	170	190	210	225
VE-5360	6	2.2	3	2"		60	54	51	48	45	42	39	36
VE-5480	8	3	4	2"		80	72	68	64	60	56	52	48
VE-5510	10	3.7	5	2"		100	90	85	80	75	70	65	60
VE-5612	12	4.5	6	2"		120	108	102	96	90	84	78	72
VE-5115	15	5.5	7.5	2"		150	135	127	120	112	105	97	90
VE-51020	20	7.5	10	2"		200	180	170	160	150	140	130	120

MODEL	STAGE	KW	H.P	OUTLET SIZE	TOTAL HEAD IN METER	DISCHARGE IN LPM							
						0	130	160	185	210	225	235	250
VE-6350	5	2.2	3	2"		50	45	42	40	37	35	32	30
VE-6460	6	3	4	2"		60	54	48	48	45	42	37	36
VE-6580	8	3.7	5	2"		80	72	67	64	59	56	52	48
VE-6610	10	4.5	6	2"		100	90	84	80	74	70	64	60
VE-6712	12	5.5	7.5	2"		120	108	100	96	90	84	76	72
VE-61016	16	7.5	10	2"		160	144	134	128	118	112	102	96

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NEXORIS GROUP

V5 RADIAL FLOW

SUITABLE FOR 125mm (5") BOREWELL Water Filled, OUT SIDE DIA. 122 mm SUPPLY VOLTAGE AT 415 V, 50HZ

MODEL	STAGE	KW	H.P	OUTLET SIZE	TOTAL HEAD IN METER	DISCHARGE IN LPM						
						0	151	180	210	230	260	280
VE-7340	4	2.2	3	2"		40	36	34	32	30	28	24
VE-7450	5	3	4	2"		50	45	42	40	37	35	30
VE-7570	7	3.7	5	2"		70	63	59	56	52	49	42
VE-7680	8	4.5	6	2"		80	72	68	64	60	56	48
VE-7710	10	5.5	7.5	2"		100	90	85	80	75	70	60
VE-71012	12	7.5	10	2"		120	108	102	96	90	84	72
VE-71014	14	7.5	10	2"		140	126	119	112	105	98	84

MODEL	STAGE	KW	H.P	OUTLET SIZE	TOTAL HEAD IN METER	DISCHARGE IN LPM						
						0	185	275	330	380	410	455
VE-1033	3	2.2	3	2"		30	27	25	24	22	21	18
VE-1044	4	3	4	2"		40	36	34	32	30	28	24
VE-1055	5	3.7	5	2"		50	45	42	40	37	35	30
VE-1066	6	4.5	6	2"		60	54	51	48	45	42	36
VE-1078	8	5.5	7.5	2"		80	72	68	64	60	56	48
VE-1011	10	7.5	10	2"		100	90	85	80	75	70	60

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NEXORIS GROUP

V5 MIX FLOW

SUITABLE FOR 125mm(5") BOREWELL SUBMERSIBLE PUMPSETS Water Filled, APPROXIMATE [ERFORMANCE CHART AT 2880 rpm, 350 TO 415 VOLTS THREE PHASE A.C. SUPPLY, 50 HZ. MAXIMUM MOTOR O.D.:-120 mm, MAXIMUM PUMP O.D.:--123

MODEL	STAGE	KW	H.P	OUTLET SIZE		TOTAL HEAD IN METER	DISCHARGE IN LPM						
				INCH	MM		0	130	200	260	320	360	430
VMF-6234	4	2.2	3	2.5"	75		40	36	34	32	30	28	24
VMF-6245	5	3	4	2.5"	75		50	45	42	40	37	35	30
VMF-6256	6	3.7	5	2.5"	75		60	54	51	48	45	42	36
VMF-6267	7.5	4.5	6	2.5"	75		70	56	59	64	52	42	42
VMF-62810	10	5.5	7.5	2.5"	75		100	90	85	80	75	70	60
VMF-621012	12	7.5	10	2.5"	75		120	108	102	96	90	84	72

MODEL	STAGE	KW	H.P	OUTLET SIZE		TOTAL HEAD IN METER	DISCHARGE IN LPM						
				INCH	MM		0	185	275	330	380	410	455
VMF-6333	3	2.2	3	75	75		30	27	25	24	22	21	18
VMF-6355	5	3.7	5	75	75		50	45	42	40	37	35	30
VMF-6366	6	4.5	6	75	75		60	54	51	48	45	42	36
VMF-6388	8	5.5	7.5	75	75		80	72	68	64	60	56	48
VMF-6310	10	7.5	10	75	75		100	90	85	80	75	70	60

MODEL	STAGE	KW	H.P	OUTLET SIZE		TOTAL HEAD IN METER	DISCHARGE IN LPM						
				INCH	MM		0	290	350	410	450	480	550
VMF-6443	3	3	4	75	75		30	27	25	24	22	21	18
VMF-6454	4	3.7	5	75	75		40	36	34	32	30	28	24
VMF-6465	5	4.5	6	75	75		50	45	42	40	37	35	30
VMF-6486	6	5.5	7.5	75	75		60	54	51	48	45	42	36
VMF-64108	8	7.5	10	75	75		80	72	68	64	60	56	48

MODEL	STAGE	KW	H.P	OUTLET SIZE		TOTAL HEAD IN METER	DISCHARGE IN LPM						
				INCH	MM		0	340	420	460	550	610	680
VMF-6553	3	3.7	5	75	75		30	27	25	24	22	21	18
VMF-6564	4	4.5	6	75	75		40	36	34	32	30	28	24
VMF-6585	5	5.5	7.5	75	75		50	45	42	40	37	35	30
VMF-65106	6	7.5	10	75	75		60	54	51	48	45	42	36

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NEXORIS GROUP

V6 (Radial / Mix flow) Submersible Pumpset



Nexoris Group makes highly efficient durable and best quality V6 submersible pumpset with water filled submersible motors.

SALIENT FEATURES

1. Robust construction to ensure durability of pumpset.
2. Winding wires are wrapped with superior polymer to withstand wide voltage fluctuation.
3. All the rotating parts are dynamically balance to reduce vibration & noise.
4. Carbon Bearing v/s Stainless Steel Segments are used to withstand high thrust load.
5. All guide bushes are protected with sand guards.
6. Bearing sleeves are provided with hard chrome platting for better life in sandy conditions.
7. Rotors are painted with special epoxy paint for long life.
8. NRV are provided for reduce back pressure.
9. Motors are also available in single phase and three phase design.
10. Motor design for wide voltage range.

APPLICATION

1. Sprinkler & drip irrigation system.
2. Irrigation in farms.
3. Domestic & Industrial water supply.
4. Fire Fighting system.
5. Solar pumping system.

MATERIAL OF CONSTRUCTION

MOTOR

Motor Shaft	:	Fully Stainless steel AISI 410.
Stamping	:	Silicon steel.
Casting Part	:	Cast Iron FG 200 grade.
Thrust Bearing	:	Carbon v/s Stainless Steel.
Copper	:	EC grade min 99.90%.

PUMP

Pump Shaft	:	Fully Stainless Steel AISI 410
Suction Housing	:	Cast Iron FG 200 grade.
Impeller	:	Stainless Steel AISI 410/ Glass filled engineering polymer
Diffuser	:	Cast Iron FG 200 grade.
Sleeve	:	AISI 410 with hard chrome platting.

TECHNICAL SPECIFICATION

Head Range	:	A) Radial flow-13 to 245 meters B) Mix Flow- 9 to 216 meters
Discharge Range	:	A) Radial flow-70 to 450 LPM B) Mix Flow-200 to 1150 LPM
Motor Rating	:	3.0 HP to 30 HP in three phase, 380V / 415 V, 50Hz, AC Supply 3.0 HP to 5.0 HP in single phase, 230V / 50Hz AC Supply
Voltage Range	:	160V to 250V (1 Phase) 200V to 440V (3 Phase)

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NEXORIS GROUP

V6 RADIAL FLOW

PERFORMANCE CHART OF 150 MM (6") WATER FILLED SUBMERSIBLE PUMP 50HZ FREQUENCY, 350 TO 415 VOLTS

MOTOR DIA : 142 MM

MODEL	H.P	STAGE	OUTLET		HEAD IN METER	DISCHARGE IN LPM							
			INCH	MM		0	100	130	160	190	220	230	260
VEW-50/4	2	4	2"	50		48	40	38	36	34	32	30	28
VEW-50/6	3	6	2"	50		72	60	57	54	51	48	45	42
VEW-50/7	4	7	2"	50		84	70	67	63	60	56	53	49
VEW-50/8	4	8	2"	50		96	80	76	72	68	64	60	56
VEW-50/9	5	9	2"	50		108	90	86	81	77	72	68	63
VEW-50/10	5	10	2"	50		120	100	95	90	85	80	75	70
VEW-50/11	6	11	2"	50		132	110	105	99	94	88	83	77
VEW-50/12	6	12	2"	50		144	120	114	108	102	96	90	84
VEW-50/14	7.5	14	2"	50		168	140	133	126	119	112	105	98
VEW-50/15	7.5	15	2"	50		180	150	143	135	128	120	113	105
VEW-50/16	7.5	16	2"	50		192	158	150	142	134	126	118	110
VEW-50/18	10	18	2"	50		216	180	171	162	153	144	135	126
VEW-50/20	10	20	2"	50		240	200	190	180	170	160	150	140
VEW-50/22	10	22	2"	50		264	210	200	190	180	170	159	148
VEW-50/24	12.5	22	2"	50		264	218	207	196	185	174	163	152
VEW-50/28	15	28	2"	50		336	280	266	238	224	210	196	182
VEW-50/30	15	30	2"	50		360	300	285	255	240	225	210	195
VEW-50/34	17.5	34	2"	50		408	340	323	289	270	255	238	221
VEW-50/38	20	38	2"	50		456	380	361	323	302	285	266	247
VEW-50/45	25	45	2"	50		540	450	428	383	358	334	315	293

PERFORMANCE CHART OF 150 MM (6") WATER FILLED SUBMERSIBLE PUMP 50HZ FREQUENCY, 350 TO 415 VOLTS

BORE SIZE : 150 MM | **MODEL : 138 MM** | **MOTOR DIA : 142 MM**

MODEL	H.P	STAGE	OUTLET		HEAD IN METER	DISCHARGE IN LPM							
			INCH	MM		0	160	180	200	220	240	260	280
VEW-60/5	3	5	2"	50		60	50	48	45	43	40	38	35
VEW-60/6	4	6	2"	50		72	60	57	54	51	48	45	42
VEW-60/8	5	8	2"	50		96	80	76	72	68	64	60	56
VEW-60/10	6	10	2"	50		120	100	95	90	85	80	75	70
VEW-60/12	7.5	12	2"	50		144	120	114	108	102	96	90	84
VEW-60/15	10	15	2"	50		180	150	143	135	128	120	113	105
VEW-60/16	10	16	2"	50		192	160	152	144	136	128	120	112
VEW-60/20	12.5	20	2"	50		240	200	190	180	170	160	150	140
VEW-60/21	12.5	21	2"	50		252	210	200	189	179	168	158	147
VEW-60/22	15	22	2"	50		264	240	209	198	187	176	165	154
VEW-60/24	15	24	2"	50		288	240	228	216	200	192	180	168
VEW-60/26	15	26	2"	50		312	260	240	230	210	195	182	169
VEW-60/26	17.5	28	2"	50		336	280	258	248	226	210	196	182
VEW-60/32	20	32	2"	50		396	330	313	297	264	248	231	215
VEW-60/35	25	35	2"	50		420	350	332	315	297	280	262	245

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V6 RADIAL FLOW

SUITABLE FOR 150mm (6") BOREWELL Water Filled, OUT SIDE DIA. 145 mm SUPPLY VOLTAGE AT 415 V, 50HZ

PERFORMANCE CHART OF 150 MM (6") WATER FILLED SUBMERSIBLE PUMP 50HZ FREQUENCY, 350 TO 415 VOLTS

MODEL	H.P	STAGE	OUTLET		HEAD IN METER	DISCHARGE IN LPM							
			INCH	MM		0	180	200	220	240	260	280	300
VEW-70/4	3	4	2"	50		48	40	38	36	34	32	30	28
VEW-70/7	5	7	2"	50		84	70	67	63	60	56	53	49
VEW-70/8	6	8	2"	50		96	80	76	72	68	64	60	56
VEW-70/11	7.5	11	2"	50		132	110	104	99	94	88	83	77
VEW-70/14	10	14	2"	50		144	140	133	126	119	112	105	98
VEW-70/16	12.5	16	2"	50		192	160	152	144	136	128	120	112
VEW-70/18	12.5	18	2"	50		216	180	171	162	153	144	135	126
VEW-70/20	15	20	2"	50		240	200	190	180	170	160	150	140
VEW-70/24	17.5	24	2"	50		288	240	228	216	204	192	180	168
VEW-70/28	20	28	2"	50		336	280	266	252	238	224	210	196
VEW-70/32	25	32	2"	50		384	320	304	288	272	256	240	224

PERFORMANCE CHART OF 150 MM (6") WATER FILLED SUBMERSIBLE PUMP 50HZ FREQUENCY, 350 TO 415 VOLTS

MODEL	H.P	STAGE	OUTLET		HEAD IN METER	DISCHARGE IN LPM							
			INCH	MM		0	200	220	240	260	280	300	320
VEW-80/5	4	5	2"	50		60	50	48	45	43	40	38	35
VEW-80/6	5	6	2"	50		72	60	57	54	51	48	45	42
VEW-80/7	6	7	2"	50		84	70	67	63	60	56	53	49
VEW-80/9	7.5	9	2"	50		108	90	86	81	77	72	68	63
VEW-80/10	7.5	10	2"	50		120	100	95	90	85	80	75	70
VEW-80/12	10	12	2"	50		144	120	114	108	102	96	90	84
VEW-80/14	12.5	14	2"	50		168	140	133	126	119	112	105	98
VEW-80/15	12.5	15	2"	50		180	150	143	135	128	120	113	105
VEW-80/18	15	18	2"	50		216	180	171	162	153	144	135	126
VEW-80/21	17.5	21	2"	50		252	208	198	188	178	168	158	147
VEW-80/24	20	24	2"	50		288	240	228	216	204	192	180	168
VEW-80/25	20	25	2"	50		300	250	237	225	200	187	175	162
VEW-80/30	25	30	2"	50		360	300	285	270	240	225	210	195

PERFORMANCE CHART OF 150 MM (6") WATER FILLED SUBMERSIBLE PUMP 50HZ FREQUENCY, 415 VOLTS

RATED VOLTAGE | MODEL : 138 MM | MOTOR DIA : 142 MM

MODEL	H.P	STAGE	OUTLET		HEAD IN METER	DISCHARGE IN LPM							
			INCH	MM		0	210	240	275	310	350	380	415
VEW-100/3	3	3	2"	50		36	30	29	27	26	24	23	21
VEW-100/4	4	4	2"	50		48	40	38	36	34	32	30	28
VEW-100/5	5	5	2"	50		60	50	48	45	43	40	38	35
VEW-100/6	6	6	2"	50		72	60	57	54	51	48	45	42
VEW-100/8	7.5	8	2"	50		96	80	76	72	68	64	60	56
VEW-100/10	10	10	2"	50		120	100	95	90	85	80	75	70
VEW-100/12	12.5	12	2"	50		144	120	114	108	102	96	90	84
VEW-100/14	15	14	2"	50		168	148	140	123	112	84	56	98
VEW-100/15	15	15	2"	50		180	150	143	135	128	120	113	105
VEW-100/16	15	16	2"	50		192	160	150	144	136	128	120	112
VEW-100/17	17.5	17	2"	50		204	168	160	152	144	136	127	119
VEW-100/20	20	20	2"	50		240	200	190	180	170	160	150	140
VEW-100/25	25	25	2"	50		300	250	238	225	200	188	175	162

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NEXORIS GROUP

V6 MIX FLOW

PERFORMANCE CHART OF 150 MM (6") WATER FILLED SUBMERSIBLE PUMP 50HZ FREQUENCY, 350 TO 415 VOLTS

MODEL	H.P	STAGE	OUTLET		HEAD IN METER	DISCHARGE IN LPM							
			INCH	MM		0	290	330	370	420	460	490	540
VQ-262/3	3	3	2.5" & 3"	65 & 75		33	27	26	24	23	21	20	18
VQ-262/4	4	4	2.5" & 3"	65 & 75		44	36	34	32	30	28	26	24
VQ-262/5	5	5	2.5" & 3"	65 & 75		55	45	43	40	38	35	33	30
VQ-262/6	6	6	2.5" & 3"	65 & 75		66	54	51	48	45	42	39	36
VQ-262/7	7.5	7	2.5" & 3"	65 & 75		77	63	60	56	53	49	46	42
VQ-262/8	7.5	8	2.5" & 3"	65 & 75		88	72	68	64	60	56	52	48
VQ-262/10	10	10	2.5" & 3"	65 & 75		110	90	85	80	75	70	65	60
VQ-262/12	12.5	12	2.5" & 3"	65 & 75		132	106	100	96	90	84	78	72
VQ-262/14	15	14	2.5" & 3"	65 & 75		154	126	119	112	105	98	91	84
VQ-262/15	15	15	2.5" & 3"	65 & 75		165	135	128	120	113	105	98	90
VQ-262/16	15	16	2.5" & 3"	65 & 75		176	144	138	128	115	109	102	96
VQ-262/20	20	20	2.5" & 3"	65 & 75		220	180	170	160	150	140	130	120
VQ-262/25	25	25	2.5" & 3"	65 & 75		275	225	212	200	187	175	162	150

PERFORMANCE CHART OF 150 MM (6") WATER FILLED SUBMERSIBLE PUMP 50HZ FREQUENCY, 350 TO 415 VOLTS

MODEL	H.P	STAGE	OUTLET		HEAD IN METER	DISCHARGE IN LPM							
			INCH	MM		0	350	400	450	500	550	600	650
VQ-265/3	4	3	2.5" & 3"	65 & 75		33	28	27	25	24	22	20	18
VQ-265/4	5	4	2.5" & 3"	65 & 75		44	38	36	34	32	30	28	26
VQ-265/5	6	5	2.5" & 3"	65 & 75		55	48	45	42	40	37	35	32
VQ-265/6	7.5	6	2.5" & 3"	65 & 75		66	57	54	51	48	45	42	39
VQ-265/8	10	8	2.5" & 3"	65 & 75		88	76	72	68	64	60	56	52
VQ-265/10	12.5	10	2.5" & 3"	65 & 75		120	95	90	85	80	75	70	65
VQ-265/12	15	12	2.5" & 3"	65 & 75		132	114	108	102	96	90	84	78
VQ-265/14	17.5	14	2.5" & 3"	65 & 75		154	133	126	119	112	105	98	91
VQ-265/16	20	16	2.5" & 3"	65 & 75		176	152	144	136	128	120	112	104
VQ-265/20	25	20	2.5" & 3"	65 & 75		220	190	180	170	160	150	140	130

PERFORMANCE CHART OF 150 MM (6") WATER FILLED SUBMERSIBLE PUMP 50HZ FREQUENCY, 415 VOLTS

MODEL	H.P	STAGE	OUTLET		HEAD IN METER	DISCHARGE IN LPM							
			INCH	MM		0	470	550	600	650	680	720	760
VQ-271/3	5	3	2.5" & 3"	65 & 75		33	27	25	23	21	19	17	15
VQ-271/4	6	4	2.5" & 3"	65 & 75		44	36	34	32	30	28	26	24
VQ-271/5	7.5	5	2.5" & 3"	65 & 75		55	45	42	40	37	35	32	29
VQ-271/6	10	6	2.5" & 3"	65 & 75		66	54	51	48	45	42	39	36
VQ-271/8	12.5	8	2.5" & 3"	65 & 75		88	72	68	64	60	56	52	48
VQ-271/9	15	9	2.5" & 3"	65 & 75		99	81	77	74	69	65	61	56
VQ-271/10	15	10	2.5" & 3"	65 & 75		110	90	85	80	75	70	65	60
VQ-271/11	17.5	11	2.5" & 3"	65 & 75		121	99	94	88	83	77	72	66
VQ-271/13	20	13	2.5" & 3"	65 & 75		143	117	111	104	98	91	85	78
VQ-271/16	25	16	2.5" & 3"	65 & 75		176	144	136	128	120	112	104	96
VQ-271/20	30	20	2.5" & 3"	65 & 75		220	180	170	160	150	140	130	120

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NEXORIS GROUP

6" SUBMERSIBLE PUMP

PERFORMANCE CHART OF 150 MM (6") WATER FILLED SUBMERSIBLE PUMP 50HZ FREQUENCY, 350 TO 415 VOLTS RATED VOLTAGE

MODEL	H.P	STAGE	OUTLET		HEAD IN METER	DISCHARGE IN LPM							
			INCH	MM		0	540	650	730	760	790	840	900
VQ-302/3	6	3	2.5"	65		33	27	25	23	21	19	17	15
VQ-302/4	7.5	4	2.5"	65		44	36	34	32	30	28	26	24
VQ-302/5	10	5	2.5"	65		55	45	43	40	38	35	33	30
VQ-302/6	12.5	6	2.5"	65		66	54	51	48	45	42	39	36
VQ-302/7	15	7	2.5"	65		77	63	60	56	52	49	45	42
VQ-302/8	15	8	2.5"	65		88	72	68	64	60	56	52	48
VQ-302/10	20	10	2.5"	65		110	90	85	80	75	70	65	60
VQ-302/12	25	12	2.5"	65		132	108	102	96	90	84	78	72
VQ-302/15	30	15	2.5"	65		165	135	128	120	113	105	98	90

PERFORMANCE CHART OF 150 MM (6") WATER FILLED SUBMERSIBLE PUMP 50HZ FREQUENCY, 350 TO 415 VOLTS RATED VOLTAGE

MODEL	H.P	STAGE	OUTLET		HEAD IN METER	DISCHARGE IN LPM							
			INCH	MM		0	660	710	850	900	940	980	1020
VQ-305/2	6	2	3"	75		22	18	17	16	15	14	13	12
VQ-305/3	7.5	3	3"	75		33	27	25	23	21	19	17	15
VQ-305/4	10	4	3"	75		44	36	34	32	30	28	26	24
VQ-305/5	12.5	5	3"	75		55	45	43	40	38	35	33	30
VQ-305/6	15	6	3"	75		66	54	51	48	45	42	39	36
VQ-305/8	20	8	3"	75		88	72	68	64	60	56	52	48
VQ-305/10	25	10	3"	75		110	90	85	80	75	70	65	60
VQ-305/12	30	12	3"	75		132	108	102	96	90	84	78	72

PERFORMANCE CHART OF 150 MM (6") WATER FILLED SUBMERSIBLE PUMP 50HZ FREQUENCY, 350 TO 415 VOLTS RATED VOLTAGE

MODEL	H.P	STAGE	OUTLET		TOTAL HEAD IN METER	DISCHARGE IN LPM							
			INCH	MM		0	40	70	95	120	160	190	230
VRF-2/5	2	5	2"	50		55	50	47	45	40	35	30	25
VRF-3/8	3	8	2"	50		88	80	75	72	64	56	48	40

PERFORMANCE CHART OF 150 MM (6") WATER FILLED SUBMERSIBLE PUMP 50HZ FREQUENCY, 350 TO 415 VOLTS RATED VOLTAGE

MODEL	H.P	STAGE	OUTLET		TOTAL HEAD IN METER	DISCHARGE IN LPM							
			INCH	MM		0	60	90	120	150	180	210	240
VRF-3/6	3	6	2"	50		69	55	57	54	48	42	36	30
VRF-5/10	5	10	2"	50		115	100	95	90	80	70	60	50

PERFORMANCE CHART OF 150 MM (6") WATER FILLED SUBMERSIBLE PUMP 50HZ FREQUENCY, 350 TO 415 VOLTS RATED VOLTAGE

MODEL	H.P	STAGE	OUTLET		TOTAL HEAD IN METER	DISCHARGE IN LPM							
			INCH	MM		0	80	112	160	180	200	240	280
VRF-3/4	3	5	2"	50		58	50	46	44	40	37	30	25
VRF-5/7	5	7	2"	65		94	80	75	72	65	60	48	40

PERFORMANCE CHART OF 150 MM (6") WATER FILLED SUBMERSIBLE PUMP 50HZ FREQUENCY, 350 TO 415 VOLTS RATED VOLTAGE

MODEL	H.P	STAGE	OUTLET		TOTAL HEAD IN METER	DISCHARGE IN LPM							
			INCH	MM		0	130	170	190	230	270	310	350
VRF-3/6	3	4	2.5"	65		48	40	36	34	28	24	20	15
VRF-5/5	5	3	2.5"	65		84	70	66	63	56	49	42	35

PERFORMANCE CHART OF 150 MM (6") WATER FILLED SUBMERSIBLE PUMP 50HZ FREQUENCY, 350 TO 415 VOLTS RATED VOLTAGE

VRF-3/6	5	6	2.5"	65	TOTAL IN METER	0	160	185	215	260	300	330	360
VRF-5/5	5	3	2.5"	65		72	60	57	54	48	45	36	25

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NEXORIS GROUP

V6 (50 FT)

Submersible Pumpset



Nexoris Group makes highly efficient durable and best quality V6 (50 ft.) high head submersible pumpset with water filled submersible motors.

SALIENT FEATURES

1. High efficient investment casting process diffusers are use with AISI 304 Material.
2. All the rotating parts are balance in precision grade to reduce vibration & noise.
3. All guide bushes are protected with sand guards.
4. Upper thrust provision provided in each model.
5. All pumps are provided with suction guide support.
6. All Bearing sleeves are provided with hard crome platting.
7. Carbon V/S Stainless steel thrust bearing are provided to withstand high thrust load.
8. Pumps are Design for maximum water discharge.
9. Winding wires are wrapped with superior polymer to withstand wide voltage fluctuation.
10. Rotors are painted with special epoxy paint for long life.

APPLICATION

1. Irrigation/Sprinkler
2. Commodity water supply
3. Industrial
4. High rise buildings
5. Sprinklers

MATERIAL OF CONSTRUCTION

MOTOR

Motor Shaft	:	Fully Stainless steel AISI 410.
Stamping	:	Silicon steel.
Casting Part	:	Cast Iron FG 200 grade.
Thrust Bearing	:	Carbon v/s Stainless Steel.
Copper	:	EC grade min 99.90%.

PUMP

Diffuser	:	SS 304 Investment Casting
Pump Shaft	:	Fully Stainless Steel AISI 410
Suction Housing	:	Cast Iron FG 200 grade.
Impeller	:	Stainless Steel AISI 410.
Sleeve	:	AISI 410 with hard chrome platting.

TECHANICAL SPECIFICATION

Head Range	:	10 to 450 meter
Discharge Range	:	40 to 780 LPM
Motor Rating	:	3.0 HP to 30 HP in three phase. - 380V / 415 V, 50 Hz, AC Supply 3.0 HP to 5.0 HP in single phase. - 230V, 50Hz. AC Supply
Voltage Range	:	160V to 250V (1 Phase) 200V to 440V (3 Phase)

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NEXORIS GROUP

V6 PER STAGE 50 FEET HEAD (150 M.M. BORE DIA)

PERFORMANCE CHART OF 150MM (6") WATER FILLED SUBMERSIBLE PUMP 50Hz FREQUENCY, 350 TO 415 VOLTS

MODEL	HP	STAGE	OUTLET		PHASE	TOTAL HEAD IN METER	DISCHARGE IN LPM							
			INCH	MM			0	50	75	95	105	115	130	160
VK-50/6	3	6	2"	65	3		90	86	80	72	66	60	53	28
VK-50/8	4	8	2"	65	3		120	116	106	96	88	80	71	36
VK-50/10	5	10	2"	65	3		150	144	132	120	110	100	89	44
VK-50/12	6	12	2"	65	3		180	172	158	144	132	132	107	52
VK-50/15	7.5	15	2"	65	3		225	214	197	180	165	150	134	64
VK-50/18	10	18	2"	65	3		270	252	235	216	198	180	160	75
VK-50/20	10	20	2"	65	3		300	280	262	240	220	200	178	84
VK-50/24	12.5	24	2"	65	3		360	340	314	288	264	240	214	100

PERFORMANCE CHART OF 150 MM (6") WATER FILLED SUBMERSIBLE PUMP 50Hz FREQUENCY, 350 TO 415 VOLTS

MODEL	HP	STAGE	OUTLET		PHASE	TOTAL HEAD IN METER	DISCHARGE IN LPM							
			INCH	MM			0	60	80	120	135	160	180	200
VK-60/5	3	5	2"	65	3		75	72	69	66	62	55	50	45
VK-60/6	4	6	2"	65	3		90	88	83	79	74	66	60	54
VK-60/8	5	8	2"	65	3		120	115	111	106	99	88	80	72
VK-60/10	6	10	2"	65	3		150	146	139	132	124	110	100	90
VK-60/12	7.5	12	2"	65	3		180	178	167	156	144	132	120	108
VK-60/16	10	16	2"	65	3		240	234	223	208	192	176	160	144
VK-60/20	12.5	20	2"	65	3		300	280	260	245	230	210	190	170
VK-60/24	15	24	2"	65	3		360	336	312	300	276	252	228	204
VK-60/28	17.5	28	2"	65	3		420	385	355	336	308	280	252	224
VK-60/30	20	30	2"	65	3		450	413	380	360	330	300	270	240

PERFORMANCE CHART OF 150 MM (6") WATER FILLED SUBMERSIBLE PUMP 50Hz FREQUENCY, 415 VOLTS

MODEL	HP	STAGE	OUTLET		PHASE	TOTAL HEAD IN METER	DISCHARGE IN LPM							
			INCH	MM			0	70	100	150	180	200	220	260
VK-80/4	3	4	2"	65	3		60	58	56	52	48	44	40	36
VK-80/5	4	5	2"	65	3		75	73	70	65	60	55	50	45
VK-80/6	5	6	2"	65	3		90	87	84	78	72	66	60	54
VK-80/8	6	8	2"	65	3		120	116	112	104	96	88	80	72
VK-80/10	7.5	10	2"	65	3		150	145	140	130	120	110	100	90
VK-80/12	10	12	2"	65	3		180	174	168	156	144	132	120	108
VK-80/15	12.5	15	2"	65	3		225	218	210	195	180	165	150	135
VK-80/18	15	18	2"	65	3		270	261	252	234	216	198	180	165
VK-80/21	17.5	21	2"	65	3		315	305	294	273	252	231	210	189
VK-80/24	20	24	2"	65	3		360	348	336	312	288	264	240	216
VK-80/30	25	30	2"	65	3		450	435	420	390	360	330	300	270

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NEXORIS GROUP

V6 PER STAGE 50 FEET HEAD (150 M.M. BORE DIA)

PERFORMANCE CHART OF 150MM (6") WATER FILLED SUBMERSIBLE PUMP 50Hz FREQUENCY, 350 TO 415 VOLTS

PERFORMANCE CHART OF 150MM (6") WATER FILLED SUBMERSIBLE PUMP 50Hz FREQUENCY, 350 TO 415 VOLTS													
MODEL	HP	STAGE	OUTLET		PHASE	DISCHARGE IN L.P.M							
			INCH	MM		0	100	150	200	250	280	320	340
						TOTAL HEAD IN METER							
VK-100/3	3	3	2"	3	3	48	43	42	39	36	33	30	27
VK-100/4	4	4	2"	3	3	64	58	56	52	48	44	40	36
VK-100/5	5	5	2"	3	3	80	73	70	65	60	55	50	45
VK-100/6	6	6	2"	3	3	96	87	84	78	72	66	60	54
VK-100/8	7.5	8	2"	3	3	128	116	112	104	96	88	80	72
VK-100/10	10	10	2"	3	3	160	145	140	130	120	110	100	90
VK-100/12	12.5	12	2"	3	3	192	174	168	156	144	132	120	108
VK-100/15	15	15	2"	3	3	240	218	210	195	180	165	150	135
VK-100/18	17.5	18	2"	3	3	288	261	248	230	216	195	180	162
VK-100/20	20	20	2"	3	3	320	290	270	255	240	215	190	165
VK-100/25	25	25	2"	3	3	375	365	350	325	300	275	250	225

PERFORMANCE CHART OF 150MM (6") WATER FILLED SUBMERSIBLE PUMP 50Hz FREQUENCY, 350 TO 415 VOLTS													
MODEL	HP	STAGE	OUTLET		PHASE	DISCHARGE IN L.P.M							
			INCH	MM		0	130	215	270	330	370	390	420
						TOTAL HEAD IN METER							
VK-125/3	4	3	2.5"	3	3	48	45	42	39	36	33	30	27
VK-125/4	5	4	2.5"	3	3	64	60	56	52	48	44	40	36
VK-125/5	6	5	2.5"	3	3	80	75	70	65	60	55	50	45
VK-125/6	7.5	6	2.5"	3	3	96	90	84	78	72	66	60	54
VK-125/8	10	8	2.5"	3	3	128	120	112	104	96	88	80	72
VK-125/10	12.5	10	2.5"	3	3	160	150	140	130	120	110	100	90
VK-125/12	15	12	2.5"	3	3	192	174	162	150	141	128	117	104
VK-125/14	17.5	14	2.5"	3	3	224	196	184	178	168	140	128	112
VK-125/16	20	16	2.5"	3	3	256	225	216	204	192	160	142	128
VK-125/20	25	20	2.5"	3	3	300	290	280	260	240	220	200	180

PERFORMANCE CHART OF 150MM (6") WATER FILLED SUBMERSIBLE PUMP 50Hz FREQUENCY, 350 TO 415 VOLTS													
MODEL	HP	STAGE	OUTLET		PHASE	DISCHARGE IN L.P.M							
			INCH	MM		0	150	235	320	380	450	490	530
						TOTAL HEAD IN METER							
VK-150/2	3	2	2.5"	3	3	32	30	28	26	24	22	20	16
VK-150/3	5	3	2.5"	3	3	48	45	42	39	36	33	30	24
VK-150/4	6	4	2.5"	3	3	64	60	56	52	48	44	40	32
VK-150/5	7.5	5	2.5"	3	3	80	75	70	65	60	55	50	40
VK-150/6	10	6	2.5"	3	3	96	90	84	78	72	66	60	48
VK-150/8	12.5	8	2.5"	3	3	128	120	112	104	96	88	80	64
VK-150/10	15	10	2.5"	3	3	160	150	140	130	120	110	90	80
VK-150/12	17.5	12	2.5"	3	3	192	174	162	150	138	126	114	90
VK-150/13	20	13	2.5"	3	3	208	195	182	169	156	143	130	104
VK-150/16	25	16	2.5"	3	3	240	232	224	208	192	176	160	144

PERFORMANCE CHART OF 150MM (6") WATER FILLED SUBMERSIBLE PUMP 50Hz FREQUENCY, 350 TO 415 VOLTS													
MODEL	HP	STAGE	OUTLET		PHASE	DISCHARGE IN L.P.M							
			INCH	MM		0	170	200	340	420	490	530	570
						TOTAL HEAD IN METER							
VK-200/2	4	2	2.5"	3	3	32	30	28	26	24	22	20	18
VK-200/3	6	3	2.5"	3	3	48	45	42	39	36	33	30	27
VK-200/4	7.5	4	2.5"	3	3	64	60	56	52	48	44	40	36
VK-200/5	10	5	2.5"	3	3	80	75	70	65	60	55	50	45
VK-200/6	12.5	6	2.5"	3	3	96	90	84	78	72	66	60	54
VK-200/7	15	7	2.5"	3	3	112	105	98	91	84	77	70	63
VK-200/8	17.5	8	2.5"	3	3	128	120	112	104	96	88	80	72
VK-200/10	20	10	2.5"	3	3	160	150	140	130	120	110	100	90
VK-200/12	25	12	2.5"	3	3	180	174	168	156	144	132	120	108

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NEXORIS GROUP

V8 (Janta Model)
Submersible Pumpset



NEXORIS Group makes highly efficient, durable and best quality V8 submersible pumpset with water filled submersible motors.

SALIENT FEATURES

1. All pumps are provided with suction guide support.
2. All the rotating parts are balance in precision grade to reduce vibration & noise.
3. All Bearing sleeves are provided with hard chrome plating.
4. Winding wires are wrapped with superior polymer to withstand wide voltage fluctuation.
5. Motor design for wide voltage range.
6. All guide bushes are protected with sand guards.
7. Carbon V/S Stainless steel thrust bearing are provided to withstand high thrust load.
8. Pumps are Design for maximum water discharge.
9. Upper thrust provision provided in each model.
10. Rotor are painted with special epoxy paint for long life.

APPLICATION

1. Commodity water supply.
2. Irrigation/Sprinkler.
3. Industrial.
4. High rise buildings.

MATERIAL OF CONSTRUCTION

MOTOR

Casting Part	:	Cast Iron FG 200 grade.
Stamping	:	Silicon steel.
Motor Shaft	:	Fully Stainless steel AISI 410.
Thrust Bearing	:	Carbon v/s Stainless Steel.
Copper	:	EC grade min 99.90%.

PUMP

Impeller	:	Stainless Steel AISI 410
Diffuser	:	Cast Iron FG 200 grade.
Suction Housing	:	Cast Iron FG 200 grade.
Pump Shaft	:	Fully Stainless Steel AISI 410
Sleeve	:	AISI 410 with hard chrome plating.

TECHNICAL SPECIFICATION

Head Range	:	10 to 112 meters
Discharge Range	:	600 to 2200 LPM
Motor Rating	:	3.0 HP to 25 HP in three phase 380V / 415 V, 50Hz, AC Supply 3.0 HP to 5.0 HP in single phase 230V / 50Hz AC Supply
Voltage Range	:	160V to 250V (1 Phase) 200V to 440V (3 Phase)

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NEXORIS GROUP

V8 RADIAL FLOW

PERFORMANCE CHART OF 150MM (6") WATER FILLED SUBMERSIBLE PUMP 50Hz FREQUENCY, 350 TO 415 VOLTS

MODEL	MOTOR RATING		Stage	OUTLET	DISCHARGE IN LPM								
	KW	HP		MM/INCH	HEAD IN METER	m³/h	0	16.8	20.4	24.0	27.0	31.2	34.8	38.4
						lpm	0	280	340	400	450	520	580	640
VEW-25	7.5	10.0	4	75MM/3"			79	72	69	65	60	54	47	39
	9.3	12.5	5				99	90	87	81	75	68	59	49
	11.2	15.0	6				119	108	104	98	90	81	71	59
	13.1	17.5	7				139	126	122	114	105	95	83	68
	15.0	20.0	8				158	144	139	130	120	108	94	78
	18.6	25.0	10				198	180	174	163	150	135	118	98
	22.3	30.0	12				238	216	208	195	180	142	142	117
	26.1	35.0	14				277	252	243	228	210	189	165	137

MODEL	MOTOR RATING		Stage	OUTLET	DISCHARGE IN LPM								
	KW	HP		MM/INCH	HEAD IN METER	m³/h	0	21.6	25.2	28.8	33.0	36.0	40.8	43.2
						lpm	0	360	420	480	550	600	680	720
VEW-30	7.5	10.0	3	75MM/3"			61	55	52	49	45	41	35	29
	9.3	12.5	4				81	73	70	65	60	54	47	39
	11.2	15.0	5				102	91	87	81	75	68	59	49
	13.1	17.5	6				122	110	104	98	90	81	71	59
	15.0	20.0	7				142	128	122	114	105	95	82	68
	18.6	25.0	8				162	146	139	150	120	108	94	78
	22.3	30.0	10				203	183	174	150	150	135	118	98
	26.1	35.0	11				223	201	191	179	165	149	129	107
	30.0	40.0	14				244	219	209	195	180	162	141	117
	33.6	45.0	15				284	256	243	228	210	189	165	137
	37.3	50.0	16				305	274	261	244	225	203	176	146
	37.3	50.0	18				325	292	278	240	240	216	188	156
	45.0	60.0	20				406	365	348	25	300	270	235	195

MODEL	MOTOR RATING		Stage	OUTLET	DISCHARGE IN LPM								
	KW	HP		MM/INCH	HEAD IN METER	m³/h	0	27.0	33.0	39.0	45.0	48.0	54.0	57.0
						lpm	0	450	550	650	750	800	900	950
VEW-40	9.3	12.5	3	75MM/3"			62	55	53	50	45	41	35	29
	11.2	15.0	4				82	74	70	66	60	54	47	39
	15.0	20.0	5				103	92	88	83	75	68	59	49
	18.6	25.0	6				124	111	106	100	90	81	71	59
	18.6	25.0	7				144	129	123	116	105	95	82	68
	22.3	30.0	8				148	132	126	120	108	98	85	71
	26.1	35.0	9				165	148	141	133	120	108	94	78
	30.0	40.0	10				185	166	158	149	135	122	106	88
	30.0	40.0	11				206	185	176	166	150	135	118	98
	33.6	45.0	11				227	203	194	185	165	149	129	107
	33.6	45.0	12				230	206	198	168	168	152	132	110
	37.3	50.0	12				247	221	211	199	180	162	141	117
	37.3	50.0	13				251	225	215	202	184	165	145	120
	37.3	50.0	14				268	240	229	216	195	176	153	127
	45.0	60.0	15				288	258	246	232	210	189	165	137
	56.0	75.0	18				371	332	316	298	270	244	211	176

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NEXORIS GROUP

V8 RADIAL FLOW

PERFORMANCE CHART OF 150MM (6") WATER FILLED SUBMERSIBLE PUMP 50Hz FREQUENCY, 350 TO 415 VOLTS

MODEL	MOTOR RATING		Stage	OUTLET	DISCHARGE IN LPM								
	KW	HP		MM/INCH	HEAD IN METER	m3/h	0	45.0	49.5	54.0	58.5	63.0	67.5	72.0
						lpm	0	750	825	900	975	1050	1125	1200
VEW-50	7.5	10.0	2	75MM/3"			42	37	35	33	30	27	24	20
	11.2	15.0	3				62	55	52	49	45	41	35	29
	15.0	20.0	4				83	73	70	65	60	54	47	39
	18.6	25.0	5				104	91	87	81	75	68	59	49
	22.3	30.0	6				125	110	104	98	90	81	71	59
	26.1	35.0	7				146	128	122	114	105	95	82	68
	30.0	40.0	8				166	146	139	130	120	108	94	78
	33.6	45.0	9				187	164	156	146	135	122	106	88
	37.3	50.0	10				208	183	174	163	150	135	118	98
	37.3	50.0	11				229	201	191	179	165	149	129	107
	45.0	60.0	12				250	219	209	195	180	162	141	117
	56.0	75.0	14				291	256	243	228	210	189	165	137
	56.0	75.0	15				312	274	261	244	225	203	176	146
	63.4	85.0	16				333	292	278	260	240	216	188	156
	63.4	85.0	17				354	310	296	276	255	230	200	166
	63.4	85.0	18				371	332	316	298	270	244	211	175

MODEL	MOTOR RATING		Stage	OUTLET	DISCHARGE IN LPM								
	KW	HP		MM/INCH	HEAD IN METER	m3/h	0	21.6	25.2	28.8	33.0	36.0	40.8	43.2
						lpm	0	360	420	480	550	600	680	720
VEW-60	9.3	12.5	2	75MM/3"			42	38	36	34	30	27	24	20
	13.1	17.5	3				62	56	53	50	45	41	35	29
	18.6	25.0	4				83	75	71	67	60	54	47	39
	22.3	30.0	5				104	94	89	84	75	68	59	49
	26.1	35.0	6				125	113	107	101	90	81	71	59
	30.0	40.0	7				146	131	124	118	105	95	82	68
	37.3	50.0	8				166	150	142	134	120	108	94	78
	37.5	50.0	9				187	169	160	151	135	122	106	88
	45.0	60.0	10				208	188	178	168	150	135	118	98
	45.0	60.0	11				229	206	195	185	165	149	129	107
	56.0	75.0	12				250	225	213	202	180	162	141	117
	63.4	85.0	14				291	256	244	228	210	189	165	137
	63.4	85.0	15				31	274	261	244	225	203	176	146

MODEL	MOTOR RATING		Stage	OUTLET	DISCHARGE IN LPM								
	KW	HP		MM/INCH	HEAD IN METER	m3/h	0	27.0	33.0	39.0	45.0	48.0	54.0	57.0
						lpm	0	450	550	650	750	800	900	950
VEW-70	11.2	15.0	2	75MM/3"			42	38	36	34	30	27	24	20
	15.0	20.0	3				62	56	53	50	45	41	35	29
	26.1	35.0	5				104	94	89	84	75	68	59	49
	30.0	40.0	6				125	113	107	101	90	81	71	59
	37.3	50.0	7				146	131	124	118	105	95	82	68
	45.0	60.0	9				187	169	160	151	135	122	106	88
	56.0	75.0	10				208	188	178	168	150	135	118	98

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V8" MIXED FLOW SERIES 384

MODEL	Motor Rating		Stage	OUTLET	DISCHARGE IN LPM							
	KW	HP		MM/INCH	m3/h	0	32.4	40.8	45.0	48.0	55.5	66.0	72.0
					lpm	0	540	680	750	800	925	1100	1200
VEW30	7.5	10.0	3	100MM/4"	HEAD IN METER	59	51	48	45	42	38	33	30
	9.3	12.5	4			78	68	64	60	56	51	44	40
	11.2	15.0	5			98	85	80	75	70	63	55	50
	15.0	20.2	6			117	102	96	90	84	76	66	60

MODEL	Motor Rating		Stage	OUTLET	DISCHARGE IN LPM							
	KW	HP		MM/INCH	m3/h	0	40.8	45.6	49.2	54	60	71	76.8
					lpm	0	680	760	820	900	1000	1180	1280
VEW40	5.5	7.5	2	100MM/4"	HEAD IN METER	39	34	32	30	28	26	23	20
	9.3	12.5	3			59	51	48	45	42	38	33	30
	11.2	15.0	4			78	68	64	60	56	51	44	40
	15.0	20.0	5			98	85	80	75	70	63	55	50
	18.6	25.0	6			117	108	99	90	84	76	66	60
	18.6	25.0	7			137	126	116	105	98	89	79	70
	22.3	30.0	8			141	130	119	109	102	93	83	74
	22.3	30.0	8			156	144	132	120	112	101	90	80
	26.1	35.0	9			176	162	149	135	126	114	101	90
	26.1	35.0	10			195	180	165	150	140	127	113	100
	30.0	40.0	10			199	184	169	154	144	131	117	104
	30.0	40.0	11			215	198	182	165	154	139	124	110
	33.6	45.0	11			219	202	184	169	158	143	128	114
	33.6	45.0	12			234	216	198	180	168	152	135	120
	37.3	50.0	12			238	220	202	184	172	156	139	124
	37.3	50.0	13			254	234	215	195	182	164	146	130
	45.0	60.0	14			273	252	231	210	196	177	158	140
	45.0	60.0	15			293	270	248	225	210	190	169	150

MODEL	Motor Rating		Stage	OUTLET	DISCHARGE IN LPM							
	KW	HP		MM/INCH	m3/h	0	49.2	56.4	64.8	70.8	76.8	85	94.5
					lpm	0	820	940	1080	1180	1280	1420	1575
VEW50	7.5	10.0	2	100MM/4"	HEAD IN METER	41	36	33	30	28	26	23	21
	11.2	15.0	3			61	53	50	45	42	38	35	31
	15.0	20.0	4			81	71	66	60	56	51	46	41
	18.6	25.0	5			102	89	83	75	70	64	58	51
	22.3	30.0	6			122	107	99	90	84	77	69	62
	26.1	35.0	7			142	125	116	105	98	89	81	72
	30.0	40.0	8			162	142	132	120	112	102	92	82
	33.6	45.0	9			183	160	149	135	126	115	104	92
	37.3	50.0	10			203	178	165	150	140	128	115	103
	45.0	60.0	12			244	214	198	180	168	153	138	123

MODEL	Motor Rating		Stage	OUTLET	DISCHARGE IN LPM							
	KW	HP		MM/INCH	m3/h	0	51	60	67.8	76.8	85.5	95	103.5
					lpm	0	850	1000	1130	1280	1425	1575	1725
VEW60	9.3	12.5	2	100MM/4"	HEAD IN METER	42	36	34	32	30	28	25	23
	13.1	17.5	3			62	54	51	48	45	41	38	34
	18.6	25.0	4			83	72	68	64	60	55	50	45
	22.3	30.0	5			104	90	85	80	75	69	63	56
	26.1	35.0	6			125	108	102	96	90	83	75	68
	30.0	40.0	7			145	126	119	112	105	96	88	79
	33.6	45.0	8			166	144	136	122	124	110	104	94
	37.3	60.0	9			187	162	153	144	135	124	113	101
	45.0	60.0	10			208	180	170	160	150	138	125	113
	45.0	60.0	11			228	198	187	176	165	151	138	124

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MODEL	Motor Rating		Stage	OUTLET	DISCHARGE IN LPM							
	KW	HP		MM/INCH	m3/h	0	70.5	76.8	82.8	90	99	108	115.5
					lpm	0	1175	1280	1380	1500	1650	1800	1925
VEW70	15.0	20.0	3	100MM/4"	HEAD IN METER	63	54	51	48	45	41	38	34
	26.3	35.0	5			106	90	85	80	75	69	63	56
	30.0	40.0	6			127	108	102	96	90	83	75	68
	33.6	45.0	6			131	111	106	100	94	87	79	71
	37.3	50.0	7			148	126	119	112	105	96	88	79
	45.0	60.0	9			190	162	153	144	135	124	113	100

MODEL	Motor Rating		Stage	OUTLET	DISCHARGE IN LPM							
	KW	HP		MM/INCH	m3/h	0	78	85.5	96	105	114	122	129.7
					lpm	0	1300	1425	1600	1750	1900	2040	2160
VEW80	11.2	15.0	2	100MM/4"	HEAD IN METER	45	36	34	33	30	28	25	23
	18.6	25.0	3			67	55	52	50	45	41	38	34
	22.3	30.0	4			89	73	69	66	60	55	50	45
	30.0	40.0	5			112	91	86	83	75	69	63	56
	37.3	50.0	6			134	109	103	99	90	83	75	68
	45.0	60.0	8			178	146	138	132	120	110	100	90

MODEL	Motor Rating		Stage	OUTLET	DISCHARGE IN LPM							
	KW	HP		MM/INCH	m3/h	0	88.5	97.5	105	113.1	120	125	130.9
					lpm	0	1475	1625	1750	1885	2000	2075	2180
VEW90	13.1	17.5	2	100MM/4"	HEAD IN METER	47	37	35	33	30	28	25	23
	26.1	35.0	4			93	73	69	66	60	55	50	45
	33.6	45.0	5			116	91	86	83	75	69	63	56
	45.0	60.0	7			163	128	121	116	105	96	88	79

MODEL	Motor Rating		Stage	OUTLET	DISCHARGE IN LPM							
	KW	HP		MM/INCH	m3/h	0	99.0	108.0	115.5	123.0	127.6	132.0	136.6
					lpm	0	1650	1800	1925	2050	2125	2200	2275
VEW100	7.5	10.0	1	100MM/4"	HEAD IN METER	24	19	18	17	15	14	13	11
	15.0	20.0	2			48	38	36	33	30	28	25	23
	22.3	30.0	3			72	56	54	50	45	41	38	34
	30.0	40.0	4			96	75	72	66	60	55	50	45
	37.3	50.0	5			120	94	90	83	75	69	63	56
	45.0	60.0	6			144	113	108	99	90	83	75	68

MODEL	Motor Rating		Stage	OUTLET	DISCHARGE IN LPM							
	KW	HP		MM/INCH	m3/h	0	108.0	123.0	135.1	144.1	162.1	171.0	180.1
					lpm	0	1800	2050	2250	2400	2700	2850	3000
VK-125	9.3	12.5	1	125MM/5"	HEAD IN METER	26	21	19	18	16	14	12	10
	18.6	25.0	2			52	41	39	35	32	28	23	20
	26.1	35.0	3			77	62	58	53	48	42	35	30
	30.0	40.0	3			77	62	58	53	48	42	35	30
	37.3	50.0	4			103	83	77	71	64	56	47	40
	45.0	60.0	5			129	103	97	88	80	70	58	50

MODEL	Motor Rating		Stage	OUTLET	DISCHARGE IN LPM							
	KW	HP		MM/INCH	m3/h	0	112.5	127.6	141.1	159.1	171.1	183.0	190.9
					lpm	0	1875	2125	2350	2650	2850	3050	3180
VK-150	11.2	15.0	1	125MM/5"	HEAD IN METER	27	22	21	20	18	16	13	11
	22.3	30.0	2			53	44	42	39	36	32	27	21
	33.6	45.0	3			80	66	62	59	54	47	40	32
	45.0	60.0	4			106	88	83	78	72	63	53	42

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Engineering Solutions That Keep Water Moving

V8" MIXED FLOW SERIES (333 BOWL) PUMP SET

MODEL	Motor Rating		Stage	OUTLET	DISCHARGE IN LPM							
	KW	HP		MM/INCH	m3/h	0	24.0	31.5	36.0	45.0	50.0	55.5	60.0
					lpm	0	400	525	600	750	825	925	1000
VEW30	7.5	10.0	3	75MM/3"	HEAD IN METER	62	47	45	42	39	38	35	33
	9.3	12.5	4			82	63	60	56	52	50	47	44
	11.3	15.0	5			103	79	75	70	65	63	59	55
	15.0	20.0	6			123	95	90	84	78	75	71	66
	15.0	20.0	7			144	110	105	98	91	88	82	77
	18.6	25.0	8			164	126	120	112	104	100	94	88
	22.3	30.0	9			185	142	135	126	117	113	106	99
	22.3	30.0	10			205	158	150	140	130	125	118	110
	26.1	35.0	11			226	173	165	154	143	138	129	121
	26.1	35.0	12			246	189	180	168	156	150	141	132
	30.0	40.0	12			250	192	184	172	160	152	145	135
	30.0	40.0	14			287	221	210	196	182	175	165	154
	33.6	45.0	14			291	225	214	200	185	179	168	157
	33.6	45.0	15			308	236	225	210	195	188	176	165
	37.3	50.0	16			328	252	240	224	208	200	188	176

MODEL	Motor Rating		Stage	OUTLET	DISCHARGE IN LPM							
	KW	HP		MM/INCH	m3/h	0	38.5	42.0	48.0	55.5	61.5	69.0	75.0
					lpm	0	625	700	800	925	1025	1150	1250
VEW40	5.6	7.5	2	75MM/3"	HEAD IN METER	42	34	32	30	28	26	23	22
	9.3	12.5	3			63	50	48	45	42	38	35	33
	11.2	15.0	4			84	67	64	60	56	51	47	44
	15.0	20.0	5			105	84	80	75	70	64	59	55
	18.6	25.0	6			126	101	96	90	84	77	71	66
	18.6	25.0	7			147	117	112	105	98	89	82	77
	22.3	30.0	7			150	120	115	109	102	92	85	80
	22.3	30.0	8			168	134	128	120	112	102	94	99
	26.1	35.0	9			189	151	144	135	126	115	106	99
	26.1	35.0	10			210	168	160	150	140	128	118	110
	30.0	40.0	10			214	172	164	154	144	132	122	114
	30.0	40.0	10			231	184	176	165	154	140	129	121
	33.1	45.0	11			235	188	180	168	158	144	133	125
	33.1	45.0	11			252	201	192	180	168	153	141	132
	37.1	50.0	12			256	204	196	184	172	156	145	136
	37.1	50.0	13			273	218	208	195	182	166	153	143
	45.0	60.0	14			294	235	224	210	196	179	165	154
	45.0	60.0	15			315	251	240	225	210	191	176	165

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V8" MIXED FLOW SERIES (333 BOWL) PUMP SET

MODEL	Motor Rating		Stage	OUTLET	DISCHARGE IN LPM							
	KW	HP		MM/INCH	m3/h	0	42.0	51.0	60.0	69.0	73.5	81.0	88.5
					lpm	0	700	850	1000	1150	1225	1350	1475
VEW50	7.5	10.0	2	75MM/3"	HEAD IN METER	43	34	32	30	28	26	24	22
	11.2	15.0	3			65	50	48	45	42	38	35	33
	15.0	20.0	4			86	67	64	60	56	51	47	44
	18.6	25.0	5			108	84	80	75	70	64	59	55
	22.3	30.0	6			129	101	96	90	84	77	71	66
	26.1	35.0	7			151	117	112	105	98	89	82	77
	30.0	40.0	8			172	134	128	120	112	102	94	88
	33.6	45.0	9			194	151	144	135	126	115	106	99
	33.6	45.0	10			215	168	160	150	140	128	118	110
	37.3	50.0	10			219	172	164	154	144	132	122	114
	37.3	50.0	11			237	184	176	165	154	140	129	121
	45.0	60.0	12			258	201	192	180	168	153	141	132

MODEL	Motor Rating		Stage	OUTLET	DISCHARGE IN LPM							
	KW	HP		MM/INCH	m3/h	0	55.5	63.0	73.5	81.0	85.8	91.5	96.0
					lpm	0	925	1050	1225	1350	1430	1525	1600
VEW60	9.3	12.5	2	75MM/3"	HEAD IN METER	44	34	32	30	28	26	24	22
	15.0	20.0	3			66	50	48	45	42	38	35	33
	18.6	25.0	4			88	67	64	60	56	51	47	44
	22.3	30.0	5			110	84	80	75	70	64	59	55
	26.1	35.0	6			132	101	96	90	84	77	71	66
	30.0	40.0	7			54	117	112	105	98	89	82	77
	33.6	45.0	8			176	134	128	120	112	102	94	88
	37.3	50.0	8			180	138	132	124	116	108	98	92
	37.3	50.0	9			198	151	144	135	126	115	106	99
	45.0	60.0	10			220	168	160	150	140	128	118	110

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NEXORIS GROUP

V7 (Janta Model) Submersible Pumpset



Nexoris Group makes highly efficient durable and best Quality V7 submersible pumpset with water filled submersible motors.

SALIENT FEATURES

1. Motor design for wide voltage range.
2. All the rotating parts are balance in precision grade to reduce vibration & noise.
3. Pumps are Design for maximum water discharge.
4. Rotor are painted with special epoxy paint for long life.
5. All pumps are provided with suction guide support.
6. All Bearing sleeves are provided with hard chrome platting.
7. Carbon V/S Stainless steel thrust bearing are provided to withstand high thrust load.
8. Top and suction guide bushes are well protected by sand guards.
9. Winding wires are wrapped with superior polymer to withstand wide voltage fluctuation .
10. Upper thrust provision provided in each model.

APPLICATION

1. High rise buildings
2. Commodity water supply.
3. Hotels, Dairies and bungalows.
4. Irrigation/Sprinkler

MATERIAL OF CONSTRUCTION

MOTOR

Copper	:	EC grade min 99.90%.
Stamping	:	Silicon steel.
Casting Part	:	Cast Iron FG 200 grade.
Thrust Bearing	:	Carbon v/s Stainless Steel.
Motor Shaft	:	Fully Stainless steel AISI 410.

PUMP

Pump Shaft	:	Fully Stainless Steel AISI 410
Suction Housing	:	Cast Iron FG 200 grade.
Impeller	:	Stainless Steel AISI 410
Diffuser	:	Cast Iron FG 200 grade.
Sleeve	:	AISI 410 with hard chrome platting.

TECHNICAL SPECIFICATION

Head Range	:	9 to 120 meter
Discharge Range	:	600 to 1700 LPM
Motor Rating	:	3.0 HP to 25 HP in three phase 380V / 415 V, 50Hz, AC Supply 3.0 HP to 5.0 HP in single phase, 230V, 50Hz, AC Supply
Voltage Range	:	160V to 250V (1 Phase) 200V to 440V (3 Phase)

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Engineering Solutions That Keep Water Moving

(V6 TO V7) PUMP SET

MODEL	Motor Rating		Stage	Delivery Line	DISCHARGE IN L.P.M								
	HP	KW		inch	0	200	380	500	500	600	700	800	900
VEW-25	5	3.7	2	4"	34	29	27	25	22	20	10	18	16
	7.5	5.5	3		51	44	41	38	33	30	20	27	24
	10	5.5	4		68	58	54	50	44	40	40	36	32
	12.5	9.3	5		85	73	68	63	55	50	40	45	40
	15	11	6		102	87	81	75	67	60	60	57	48

MODEL	Motor Rating		Stage	Delivery Line	DISCHARGE IN L.P.M							
	HP	KW		inch	0	250	400	550	700	850	1000	1100
VEW-30	6	4.5	2	4"	34	29	27	25	22	20	18	16
	10	7.5	3		51	42	38	36	32	30	28	24
	12.5	9.3	4		68	56	51	48	42	40	38	32
	15	11	5		85	70	64	60	53	50	47	40

MODEL	Motor Rating		Stage	Delivery Line	DISCHARGE IN L.P.M							
	HP	KW		inch	0	300	450	600	750	900	1050	1200
VEW-40	4	3.2	1	4"	17	14	13	12	11	10	9	8
	7.5	5.5	2		34	28	27	25	22	20	18	16
	12.5	9.3	3		51	42	38	36	32	30	28	24
	15	11	4		68	56	51	48	42	40	38	32

MODEL	Motor Rating		Stage	Delivery Line	DISCHARGE IN L.P.M							
	HP	KW		inch	0	375	550	725	825	1000	1100	1300
VEW-50	5	3.7	1	4"	17	14	13	12	11	10	9	8
	10	7.5	2		34	29	27	25	22	20	18	16
	15	11	3		51	42	38	36	32	30	28	24

MODEL	Motor Rating		Stage	Delivery Line	DISCHARGE IN L.P.M							
	HP	KW		inch	0	500	700	900	1100	1250	1425	1500
VEW-60	12.5	9.3	2	4"	34	29	27	25	22	20	18	16

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JANTA MODEL (V6 TO V8)

MODEL	Motor Rating		Stage	Delivery Line	DISCHARGE IN L.P.M							
	HP	K.W		inch	0	420	500	600	780	880	920	1060
VEW-250	5	3.7	2	4"	34	29	27	25	22	20	19	16
	7.5	5.5	3		51	44	41	38	33	30	29	24
	10	5.5	4		68	58	54	50	44	40	38	32
	12.5	9.3	5		85	73	68	63	55	50	48	40
	15	11	6		102	87	81	75	66	60	57	48
	20	15	8		136	116	108	100	88	80	76	64
	25	18.5	10		170	145	135	125	110	100	95	80

MODEL	Motor Rating		Stage	Delivery Line	DISCHARGE IN L.P.M							
	HP	K.W		inch	0	600	780	860	980	1050	1100	1200
VEW-300	6	4.5	2	4"	36	28	25	24	21	20	19	16
	10	7.5	3		54	42	38	36	32	30	28	24
	12.5	9.3	4		72	56	51	48	42	40	38	32
	15	11	5		90	70	64	60	53	50	47	40
	20	15	7		126	98	89	84	74	70	66	56
	25	18.5	8		144	112	102	96	84	80	75	64

MODEL	Motor Rating		Stage	Delivery Line	DISCHARGE IN L.P.M							
	HP	K.W		inch	0	750	950	1050	1150	1250	1390	1450
VEW-400	7.5	5.5	2	4"	40	29	26	24	22	20	17	16
	12.5	9.3	3		60	44	39	36	33	30	26	24
	15	11	4		80	58	52	48	44	40	34	32
	20	15	5		100	73	65	60	55	50	43	40
	25	18.5	6		120	87	78	72	66	60	51	48

MODEL	Motor Rating		Stage	Delivery Line	DISCHARGE IN L.P.M							
	HP	K.W		inch	0	900	1100	1250	1400	1500	1600	1700
VEW-500	5	3.7	1	4"	22	18	17	16	15	14	13	12
	10	7.5	2		40	29	26	24	22	20	18	16
	15	11	3		60	44	39	36	33	30	27	24
	20	15	4		80	58	52	48	44	40	36	32
	25	18.5	5		100	73	65	60	55	50	45	40

MODEL	Motor Rating		Stage	Delivery Line	DISCHARGE IN L.P.M							
	HP	K.W		inch	0	1100	1300	1550	1700	1800	1900	2000
VEW-600	6	4.2	1	4"	22	18	17	16	15	14	13	12
	12.5	9.3	2		42	29	27	24	22	20	18	16
	25	18.5	4		84	58	53	48	44	40	36	32

MODEL	Motor Rating		Stage	Delivery Line	0	1100	1300	1550	1700	1800	1900	2000
	HP	K.W										
VEW-750	7.5	5.5	1	4"	27	20	19	18	17	16	15	14

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PERFORMANCE CHART OF OPENWELL PUMPSET 220 VOLTS 50HZ

MODEL	HP	DELIVERY LINE	R.P.M	HEAD IN METER								
				7	10	15	18	20	25	30	35	40
VE05	0.5	25X25	2880	120	100	50	20	0				
VE10	1	25X25	2880	200	180	150	130	80	50	0		
VE20	2	65X50	2880	570	500	450	410	370	220	0		
VE30	3	65X50	2880	610	560	520	500	415	280	100	0	
VE50	5	65X65	2880	900	870	820	760	680	400	319	0	
VE60	5	65X50	2880	850	780	740	710	650	600	560	480	270

THREE PHASE OPENWELL PUMPSET

PERFORMANCE CHART OF OPENWELL PUMPSET 415 VOLTS 50HZ

MODEL	H. P	MM	HEAD IN METER											
			7	18	22	24	28	30	32	36	40	42	45	54
VK-7350	3	65X50	550	475	413	336	-	-	-	-	-	-	-	-
VK-7550	5	65X50	-	-	-	560	510	480	450	375	170	-	-	-
VK-9350	3	65X50	580	520	460	380	300	-	-	-	-	-	-	-
VK-9550	5	65X50	660	630	610	600	590	575	560	463	324	180	-	-
VK-9565	5	65X65	1020	950	870	820	700	650	600	200	-	-	-	-
VK-9575	5	75X75	1150	1000	760	500	-	-	-	-	-	-	-	-
VK-9750	7.5	65X50	800	780	770	750	730	710	680	650	610	550	470	0
VK-9765	7.5	65X65	-	1150	1050	950	850	720	600	350	-	-	-	-
VK-9775	7.5	75X75	-	1310	1190	1050	970	860	630	-	-	-	-	-
VK-9150	10	65X50	-	-	-	-	-	800	780	715	700	680	665	300
VK-9165	10	75X75	-	-	1240	1200	1100	1050	800	760	-	-	-	-
VK-91100	10	100X100	-	-	1500	1400	1120	1075	-	-	-	-	-	-

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THREE PHASE VERTICAL MULTISTAGE OPENWELL SUBMERSIBLE PUMP SET

VEW-160 SERIES

MODEL	HP	K.W	STAGE	DELIVERY LINE	m3/h	DISCHARGE IN L.P.M							
					lpm	0	200	300	350	400	450	500	550
VEW-160/3	5	3.7	3	2.5"	HEAD IN METER	51	48	45	42	39	36	33	30
VEW-160/5	7.5	5.5	5			85	80	75	70	65	60	55	50
VEW-160/6	10	7.5	6			102	96	90	84	78	72	66	60
VEW-160/7	12.5	9.3	7			119	112	105	98	91	84	77	70
VEW-160/8	15	11	8			136	128	120	112	104	96	88	80
VEW-160/12	20	15	12			204	192	180	168	156	144	132	120

VEW-200 SERIES

MODEL	HP	K.W	STAGE	DELIVERY LINE	m3/h	DISCHARGE IN L.P.M							
					lpm	0	400	450	500	550	600	650	700
VEW-200/3	6	4.5	3	2.5"	HEAD IN METER	51	48	45	42	39	36	33	30
VEW-200/4	7.5	5.5	4			68	64	60	56	52	48	44	40
VEW-200/5	10	7.5	5			85	80	75	70	65	60	45	50
VEW-200/6	12.5	9.3	6			102	96	90	84	78	72	66	60
VEW-200/7	15	11	7			119	112	105	98	91	84	77	70
VEW-200/10	20	15	10			170	160	150	140	130	120	110	100

VEW-250 SERIES

MODEL	HP	K.W	STAGE	DELIVERY LINE	m3/h	DISCHARGE IN L.P.M							
					lpm	0	550	600	650	700	750	800	850
VEW-250/2	5	3.7	2	2.5"	HEAD IN METER	34	32	30	28	26	24	22	20
VEW-250/3	7.5	5.5	3			51	48	45	42	39	36	33	30
VEW-250/4	10	7.5	4			68	64	60	56	52	48	44	40
VEW-250/5	12.5	9.3	5			85	80	75	70	65	60	55	50
VEW-250/6	15	11	6			102	96	90	84	78	72	66	60
VEW-250/8	20	15	8			136	128	120	112	104	96	88	80

VEW-300 SERIES

MODEL	HP	K.W	STAGE	DELIVERY LINE	m3/h	DISCHARGE IN L.P.M							
					lpm	0	700	750	800	850	900	950	1000
VEW-300/2	6	4.5	2	2.5"	HEAD IN METER	34	32	30	28	26	24	22	20
VEW-300/3	10	7.5	3			51	48	45	42	39	36	33	30
VEW-300/4	12.5	9.3	4			68	64	60	56	52	48	44	40
VEW-300/5	15	11	5			85	80	75	70	65	60	55	50
VEW-300/7	20	15	7			119	112	105	98	91	84	77	70

VEW-400 SERIES

MODEL	HP	K.W	STAGE	DELIVERY LINE	m3/h	DISCHARGE IN L.P.M							
					lpm	0	950	1000	1050	1100	1150	1200	1250
VEW-400/2	7.5	5.5	2	2.5"	HEAD IN METER	34	32	30	28	26	24	22	20
VEW-400/3	12.5	9.3	3			51	48	45	42	39	36	33	30
VEW-400/4	15	11	4			68	64	60	56	52	48	44	40
VEW-400/5	20	15	5			75	80	75	70	65	60	55	50

VEW-500 SERIES

MODEL	HP	K.W	STAGE	DELIVERY LINE	m3/h	DISCHARGE IN L.P.M							
					lpm	0	1100	1150	1200	1250	1300	1350	1400
VEW-500/2	10	7.5	2	2.5"	HEAD IN METER	34	32	30	28	26	24	22	20
VEW-500/3	15	11	3			51	48	45	42	39	36	33	30
VEW-500/4	20	15	4			68	64	60	56	52	48	44	40

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CENTRIFUGAL MONOBLOCK PUMP

CENTRIFUGAL MONOBLOCK PUMP (B CLASS)

Approximate Performance Chart at 50 Hz., 230 V (±10%) for Single Phase, 415 V (±10%) Three Phase 2880 RPM

MODEL	MOTOR RATING		PIPE SIZE (MM)	Head in Mtr.														
	HP	KW		4	5	6	8	9	10	12	14	16	18	20	22	24	26	28
				Discharge in LPM														
VMC 10	0.5	0.37	25 X 25		130	128	125	115	95	65	40							
VMC 11	0.5	0.37	40 X 40			270	235	218	205	110								
VMC 11 H	0.5	0.37	40 X 40			270	250	230	110	70								
VMC 12	0.5	0.37	50 X 50			335	300	240	200	150								
VMC 23	1.0	0.75	25 X 25					160	150	130	130	110	90	60				
VMC 25	1.0	0.75	40 X 40					270	255	230	210	185	150	110				
VMC 26	1.0	0.75	50 X 40					300	290	270	250	230	180					
VMC 13	1.0	0.75	50 X 75			500	480	440	425	300								
VMC 14	1.5	1.10	75 X 75			800	700	640	560	450								
VMC 15	1.5	1.10	50 X 50					470	460	440	365	235						
VMC 16	1.5	1.10	65 X 50						600	580	550	500	400					
VMC 21	1.5	1.10	75 X 75			900	800	600	350	150								
VMC 21 H	1.5	1.10	75 X 75			900	750	680	600	460	360							
VMC 17	2.0	1.50	50 X 50						500	440	415	385	345	300	205	215	195	140
VMC 17 N	2.0	1.50	50 X 50							480	420	385	360	320	282	200	180	115
VMC 18	2.0	1.50	65 X 50				625	590	575	540	490	380	380	250				
VMC 18 N	2.0	1.50	65 X 50				590	550	535	500	455	425	330					
VMC 19	2.0	1.50	75 X 75					1000	900	790	700	530						
VMC 19 H	2.0	1.50	75 X 75							835	740	635	525	380				
VMC 20	2.0	1.50	75 X 75						720	530	540	495	390					
VMC 24	2.0	1.50	100 X 100					1150	1040	980	840	750	660	440				
VMC 27	3.0	2.20	65 X 50					1100	1000	900	800	700	530	250				
VMC 28	3.0	2.20	100 X 100							1000	900	800	700	530				

CENTRIFUGAL MONOBLOCK PUMP (F CLASS)

Approximate Performance Chart at 50 Hz., 230 V (±10%) for Single Phase, 415 V (±10%) Three Phase 2880 RPM

MODEL	MOTOR RATING		PIPE SIZE (MM)	Head in Mtr.														
	HP	KW		6	8	9	10	12	14	16	18	20	22	24	26	28	30	32
				Discharge in LPM														
VMC 22 HD	2.0	1.50	50 X 40		455	425	365	340	325	285	250	175						
VMC 306550	3.0	2.20	65 X 50			600	580	560	520	450	420	360	300					
VMC 307565	3.0	2.20	75 X 65			840	820	800	740	680	620	540	300					
VMC 307575	3.0	2.20	75 X 75			840	820	800	740	680	620	540	300					
VMC 30100100	3.0	2.20	100 X 100			1140	1080	1020	960	870	720							
VMC 5065650	5.0	3.70	65 X 50							860	760	700	620	540	450			
VMC 507565	5.0	3.70	75 X 65							860	800	740	680	600	500	320		
VMC 507575	5.0	3.70	75 X 75							860	800	740	680	600	500	320		
VMC 50100100	5.0	3.70	100 X 100					1960	1860	1770	1680	1450	1140					

CENTRIFUGAL MONOBLOCK PUMP (A CLASS)

MODEL	MOTOR RATING		PIPE SIZE (MM)
	HP	KW	
VMC 756550	7.5	5.50	65 X 50
VMC 757565	7.5	5.50	75 X 65
VMC 106550	10.0	7.50	65 X 50
VMC 107565	10.0	7.50	75 X 65

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V6 ONLY PUMP

BORE SIZE : 150 mm | **50 Hz** | **MOTOR DIA : 142 mm**

MODEL	H.P	STAGE	OUTLET		DISCHARGE IN LPM						
			INCH	MM	60	80	90	100	110	120	130
VEW-30/10	3	10	2"	50	98	95	90	85	80	75	70
VEW-30/12	4	12	2"	50	118	114	108	102	96	90	84
VEW-30/15	5	15	2"	50	148	142	135	128	120	113	105
VEW-30/18	6	18	2"	50	178	171	162	153	144	135	126
VEW-30/24	7.5	24	2"	50	238	228	216	204	192	180	168
VEW-30/25	7.5	25	2"	50	250	238	225	210	198	185	173
VEW-30/30	10	30	2"	50	298	285	270	255	240	225	210

MODEL	H.P	STAGE	OUTLET		DISCHARGE IN LPM						
			INCH	MM	70	100	120	140	160	180	200
VEW-40/5	2	5	2"	50	50	47	45	43	40	38	35
VEW-40/7	3	7	2"	50	70	67	63	60	56	53	49
VEW-40/8	3	8	2"	50	80	76	72	68	64	60	56
VEW-40/10	4	10	2"	50	100	95	90	85	80	75	70
VEW-40/12	5	12	2"	50	120	114	108	102	96	90	84
VEW-40/14	6	14	2"	50	140	133	126	119	112	105	98
VEW-40/15	6	15	2"	50	148	141	134	127	120	112	105
VEW-40/16	6	16	2"	50	158	150	142	134	126	118	110
VEW-40/18	7.5	18	2"	50	180	171	162	153	144	135	126
VEW-40/20	7.5	20	2"	50	198	190	178	168	158	148	138
VEW-40/22	7.5	22	2"	50	210	200	190	180	170	159	148

MODEL	H.P	STAGE	OUTLET		DISCHARGE IN LPM						
			INCH	MM	100	130	160	190	220	230	260
VEW-50/4	2	4	2"	50	40	38	36	34	32	30	28
VEW-50/6	3	6	2"	50	60	57	54	51	48	45	42
VEW-50/7	4	7	2"	50	70	67	63	60	56	53	49
VEW-50/8	4	8	2"	50	80	76	72	68	64	60	56
VEW-50/9	5	9	2"	50	90	86	81	77	72	68	63
VEW-50/10	5	10	2"	50	100	95	90	85	85	75	70
VEW-50/11	6	11	2"	50	110	105	99	94	88	83	77
VEW-50/12	6	12	2"	50	120	114	108	102	96	90	84
VEW-50/14	7.5	14	2"	50	140	133	126	119	112	105	98
VEW-50/15	7.5	15	2"	50	150	143	135	128	120	113	105
VEW-50/16	7.5	16	2"	50	158	150	142	134	126	118	110
VEW-50/18	10	18	2"	50	180	171	162	153	144	135	126
VEW-50/20	10	20	2"	50	200	190	180	170	160	150	140
VEW-50/22	12.5	22	2"	50	218	207	196	185	174	163	152
VEW-50/24	12.5	24	2"	50	240	228	216	204	192	180	168
VEW-50/25	12.5	25	2"	50	250	238	225	212	200	187	175

MODEL	H.P	STAGE	OUTLET		DISCHARGE IN LPM						
			INCH	MM	160	180	200	220	240	260	280
VEW-60/5	3	5	2"	50	50	48	45	43	40	38	35
VEW-60/6	4	6	2"	50	60	57	54	51	48	45	42
VEW-60/8	5	8	2"	50	80	76	72	68	64	60	56
VEW-60/10	6	10	2"	50	100	95	90	85	80	75	70
VEW-60/12	7.5	12	2"	50	120	114	108	102	96	90	84
VEW-60/15	10	15	2"	50	150	143	135	128	120	113	105
VEW-60/16	10	16	2"	50	160	152	144	136	128	120	112
VEW-60/20	12.5	20	2"	50	200	190	180	170	160	150	140
VEW-60/21	12.5	21	2"	50	210	200	189	179	168	158	147
VEW-60/22	15	22	2"	50	220	209	198	187	176	165	154
VEW-60/24	15	24	2"	50	240	228	216	204	192	180	168

MODEL	H.P	STAGE	OUTLET		DISCHARGE IN LPM						
			INCH	MM	180	200	220	240	260	280	300
VEW-70/4	3	4	2"	50	40	38	36	34	32	30	28
VEW-70/7	5	7	2"	50	70	67	63	60	56	53	49
VEW-70/8	6	8	2"	50	80	76	72	68	64	60	56
VEW-70/11	7.5	11	2"	50	110	104	99	94	88	83	77
VEW-70/14	10	14	2"	50	140	133	126	119	112	105	98
VEW-70/16	12.5	16	2"	50	160	152	144	136	128	120	112
VEW-70/18	12.5	18	2"	50	180	171	162	153	144	135	126
VEW-70/20	15	20	2"	50	200	190	180	170	160	150	140
VEW-70/23	17.5	23	2"	50	230	218	195	184	172	161	150
VEW-70/27	20	27	2"	50	[illegible]	256	243	216	202	189	175

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V6 ONLY PUMP

PERFORMANCE CHART OF 100 MM (4") WATER FILLED SUBMERSIBLE PUMP 50HZ FREQUENCY, 160 TO 220 VOLTS RATED FOR 1PH, 350 TO 415 VOLTS RATED VOLTAGE FOR 3PH

BORE SIZE : 150mm **MODEL : 138mm** **MOTOR DIA : 142mm**

MODEL	H.P.	STAGE	OUTLET		TOTAL HEAD IN METER	DISCHARGE IN LPM						
			INCH	MM		200	220	240	260	280	300	320
VEW-80/5	4	5	2"	50		50	48	45	43	40	38	35
VEW-80/6	5	6	2"	50		60	57	54	51	48	45	42
VEW-80/7	6	7	2"	50		70	67	63	60	56	53	49
VEW-80/9	7.5	9	2"	50		90	86	81	77	72	68	63
VEW-80/10	7.5	10	2"	50		100	95	90	85	80	75	70
VEW-80/12	10	12	2"	50		120	114	108	102	96	90	84
VEW-80/14	12.5	14	2"	50		140	133	126	119	112	105	98
VEW-80/15	12.5	15	2"	50		150	143	135	128	120	113	105
VEW-80/18	15	18	2"	50		180	171	162	153	144	135	126
VEW-80/21	17.5	21	2"	50		208	198	188	178	168	158	147
VEW-80/24	20	24	2"	50		240	228	216	204	192	180	168
VEW-80/25	20	25	2"	50		250	237	225	200	187	175	162

BORE SIZE : 100mm **MODEL : 138mm** **MOTOR DIA : 142mm**

MODEL	H.P.	STAGE	OUTLET		TOTAL HEAD IN METER	DISCHARGE IN LPM						
			INCH	MM		210	240	275	320	350	380	415
VEW-100/3	3	3	2"	50		30	29	27	26	24	23	21
VEW-100/4	4	4	2"	50		40	38	36	34	32	30	28
VEW-100/5	5	5	2"	50		50	48	45	43	40	38	35
VEW-100/6	6	6	2"	50		60	57	54	51	48	45	42
VEW-100/8	7.5	8	2"	50		80	76	72	68	64	60	56
VEW-100/10	10	10	2"	50		100	95	90	85	80	75	70
VEW-100/12	12.5	12	2"	50		120	114	108	102	96	90	84
VEW-100/14	15	14	2"	50		148	140	123	112	84	56	98
VEW-100/15	15	15	2"	50		150	143	135	128	120	113	105
VEW-100/17	17.5	17	2"	50		168	160	152	144	136	127	119
VEW-100/20	20	20	2"	50		200	190	180	170	160	150	140

BORE SIZE : 100mm **MODEL : 138mm** **MOTOR DIA : 142mm**

MODEL	H.P.	STAGE	OUTLET		TOTAL HEAD IN METER	DISCHARGE IN LPM						
			INCH	MM		290	330	370	420	460	490	540
VQ-262/3	3	3	2.5"	65		27	26	24	23	21	20	18
VQ-262/4	4	4	2.5"	65		36	34	32	30	28	26	24
VQ-262/5	5	5	2.5"	65		45	43	40	38	35	33	30
VQ-262/6	6	6	2.5"	65		54	51	48	45	42	39	36
VQ-262/7	7.5	7	2.5"	65		63	60	56	53	49	46	42
VQ-262/8	7.5	8	2.5"	65		72	68	64	60	56	52	48
VQ-262/10	10	10	2.5"	65		90	85	80	75	70	65	60
VQ-262/12	12.5	12	2.5"	65		106	100	96	90	84	78	72
VQ-262/14	15	14	2.5"	65		126	119	112	105	98	91	84
VQ-262/15	15	15	2.5"	65		135	128	120	113	105	98	90
VQ-262/16	15	16	2.5"	65		144	136	128	120	112	104	96

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BORE SIZE : 150 mm	MODEL : 138 mm	MOTOR DIA : 142 mm

MODEL	H.P	STAGE	OUTLET		DISCHARGE IN LPM						
			INCH	MM	540	600	630	680	700	740	800
VQ-270/3	6	3	2.5"	65	27	25	23	21	19	17	15
VQ-270/4	7.5	4	2.5"	65	36	34	32	30	28	26	24
VQ-270/5	10	5	2.5"	65	45	40	40	38	35	33	30
VQ-270/6	12.5	6	2.5"	65	54	51	48	45	42	39	36
VQ-270/7	15	7	2.5"	65	63	60	56	52	49	45	42
VQ-270/8	15	8	2.5"	65	72	68	64	60	56	52	48

MODEL	H.P	STAGE	OUTLET		DISCHARGE IN LPM						
			INCH	MM	660	710	750	800	840	880	920
VQ-272/2	6	2	2.5"	65	18	17	16	15	14	13	12
VQ-272/3	7.5	3	2.5"	65	27	25	23	21	19	17	15
VQ-272/4	10	4	2.5"	65	36	34	32	30	28	26	24
VQ-272/5	12.5	5	2.5"	65	45	43	40	38	35	33	30
VQ-272/6	15	6	2.5"	65	54	51	48	45	42	39	36

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S.S. (304) 50 FEET HEAD SUBMERSIBLE PUMP

MODEL : NEX-60	
HP	STAGE
3	5
4	7
5	8
6	10
7.5	12
10	16
12.5	20
15	24
17.5	27
20	30

MODEL : NEX-125	
HP	STAGE
4	3
5	4
6	5
7.5	6
10	8
12.5	10
15	12
17.5	14

MODEL : NEX-80	
HP	STAGE
3	4
4	5
5	6
6	8
7.5	10
10	12
12.5	15
15	18
17.5	22
20	25

MODEL : NEX-150	
HP	STAGE
3	2
5	3
6	4
7.5	5
10	7
12.5	8
15	10
17.5	12
25	16

MODEL : NEX-100	
HP	STAGE
3	3
4	4
5	5
6	6
7.5	8
10	10
12.5	12
15	15
17.5	18
20	20
25	25

MODEL : NEX-200	
HP	STAGE
4	2
6	3
7.5	4
10	5
12.5	6
15	8
17.5	9
20	10
25	12

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SUBMERSIBLE MOTOR

MODEL	HP	KW
NEX-2	2	1.5
NEX-3	3	2.2
NEX-4	4	3
NEX-5	5	3.7
NEX-6	6	4.5
NEX-7.5	7.5	5.5
NEX-10	10	7.5
NEX-12.5	12.5	9.3
NEX-15	15	11
NEX-20	20	15
NEX-25	25	18.7

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INDUCTION MOTOR

INDUCTION MOTOR THREE PHASE WITHOUT PULLEY		
HP	**RPM**	**FRAME**
1	1440	90
2	1440	112
3	1440	112
5	1440	132
7.5	1440	132
10	1440	132

INDUCTION MOTOR SINGLE PHASE WITHOUT PULLEY		
HP	**RPM**	**FRAME**
0.5	1440	80
1	1440	90
1.5	1440	100
2	1440	112
3	1440	112
5	1440	132

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PUMPS | MOTORS | CABLES

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