

V5**SUITABLE FOR 125mm BOREWELL OR ABOVE (Min. Bore Dia. 125mm)**

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 200-240 VOLTS SINGLE PHASE /

380-415 VOLTS THREE PHASE, 50Hz, A.C. SUPPLY

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

OUTLET SIZE mm TYPE OF MOTOR

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM						
	kW	H.P.			0	50	60	70	100	115	135
VSHN 50	1.5	2.0	8		95	80	76	72	60	48	34
VSHN 50	2.2	3.0	12		143	120	114	108	90	72	51
VSHN 50	3.0	4.0	16		190	160	152	144	120	96	68
VSHN 50	3.7	5.0	20		238	200	190	180	150	120	85
VSHN 50	4.5	6.0	24		285	240	228	216	180	144	102
VSHN 50	5.5	7.5	28		332	280	266	252	210	168	119
VSHN 50	5.5	7.5	30		356	300	285	270	225	180	128
VSHN 50	5.5	10.0	35		415	350	333	315	263	210	149
VSHN 50	7.5	10.0	38		451	380	361	342	285	228	162

OUTLET SIZE mm TYPE OF MOTOR

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM						
	kW	H.P.			0	118	140	168	182	200	230
VSHN 51	1.1	1.5	4		36	30	28	25	23	18	13
VSHN 51	1.5	2.0	5		45	38	34	31	28	22	16
VSHN 51	2.2	3.0	8		72	60	55	50	45	35	25
VSHN 51	3.0	4.0	10		90	75	69	63	56	44	31
VSHN 51	3.0	4.0	12		108	90	83	75	67	53	37
VSHN 51	3.7	5.0	12		108	90	83	75	67	53	37
VSHN 51	4.5	6.0	16		144	120	110	100	90	70	50
VSHN 51	5.5	7.5	18		162	135	124	112	101	78	56
VSHN 51	5.5	7.5	20		180	150	138	125	112	88	62

Note: Single phase motors are available upto 7.5 H.P.

V5

SUITABLE FOR 125mm BOREWELL OR ABOVE (Min. Bore Dia. 125mm)
APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 200-240 VOLTS SINGLE PHASE /
380-415 VOLTS THREE PHASE, 50Hz, A.C. SUPPLY
Maximum Motor OD: 122mm & Pump OD: 122mm

OUTLET SIZE 50mm TYPE OF W/L RADIAL

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM					
	kW	H.P			0	100	195	230	275	305
VSHN 52	1.1	1.5	3		30	28	22	16	12	8
VSHN 52	1.5	2.0	4		40	37	30	22	16	10
VSHN 52	2.2	3.0	6		60	55	44	32	24	15
VSHN 52	3.0	4.0	8		80	73	60	44	32	20
VSHN 52	3.7	5.0	10		100	92	76	55	40	25
VSHN 52	3.7	5.0	12		120	110	90	66	48	30
VSHN 52	4.5	6.0	12		120	110	90	66	48	30
VSHN 52	5.5	7.5	16		160	146	120	88	64	40

Note: Single phase motors are available upto 7.5 H.P.

V5

SUITABLE FOR 125mm BOREWELL OR ABOVE (Min. Bore Dia. 125mm)
APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 200-240 VOLTS SINGLE PHASE /
380-415 VOLTS THREE PHASE, 50Hz, A.C. SUPPLY
Maximum Motor OD: 122mm & Pump OD: 122mm

OUTLET SIZE 50mm TYPE OF W/L RADIAL

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM					
	kW	H.P			0	120	215	285	330	360
VSHN 53	1.1	1.5	2		22	18	16	14	9	5
VSHN 53	1.5	2.0	3		33	27	23	19	15	8
VSHN 53	2.2	3.0	4		40	36	32	25	17	10
VSHN 53	2.2	3.0	5		50	45	39	32	20	12
VSHN 53	3.0	4.0	6		60	54	46	37	24	15
VSHN 53	3.0	4.0	7		70	63	52	42	28	18
VSHN 53	3.7	5.0	8		80	72	60	48	32	20
VSHN 53	4.5	6.0	10		100	90	75	58	40	25
VSHN 53	5.5	7.5	12		120	108	91	70	48	30
VSHN 53	7.5	10.0	14		140	126	107	84	56	35
VSHN 53	7.5	10.0	16		160	144	120	96	64	40

V5

SUITABLE FOR 131mm BOREWELL OR ABOVE (Min. Bore Dia. 131mm)
APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 200-240 VOLTS SINGLE PHASE /
380-415 VOLTS THREE PHASE, 50Hz, A.C. SUPPLY
Maximum Motor OD: 122mm & Pump OD: 127mm

OUTLET SIZE 50mm TYPE OF W/L MIXED

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM					
	kW	H.P			0	225	375	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 upto 7.5 H.P.

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, 50Hz, A.C. SUPPLY
 Maximum Motor OD: 122mm & Pump OD: 142mm

OUTLET SIZE 50mm TYPE OF FL R/DIAL

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 FL R/DIAL

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 FL R/DIAL

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 FL R/DIAL

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM							
	kW	H.P.			0	130	175	215	220	245	280	325
VSH: 64BN (RSS)	7	5.0	6		73	64	60	55	54	50	42	30

OUTLET SIZE 50mm TYPE OF FL R/DIAL

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 upto 7.5 H.P.

V6

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

OUTLET SIZE 50mm TYPE OF FL R/DIAL

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 FL R/DIAL

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 upto 7.5 H.P.

V6 SUITABLE FOR 150mm BOREWELL OR ABOVE (Min. Bore Dia. 150mm)
 APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50Hz, A.C. SUPPLY
 Maximum Motor OD: 142mm & Pump OD: 142mm

OUTLET SIZE 50mm TYPE OF FL R/DIAL

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 FL R/DIAL

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 upto 7.5 H.P.

V6 SUITABLE FOR 150mm BOREWELL OR ABOVE (Min. Bore Dia. 150mm)
 APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50Hz, A.C. SUPPLY
 Maximum Motor OD: 142mm & Pump OD: 142mm

OUTLET SIZE 50mm TYPE OF FL R/DIAL

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	9.3	12.5	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 upto 7.5 H.P.

V6

SUITABLE FOR 150mm BOREWELL OR ABOVE (Min. Bore Dia. 150mm)
 APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50Hz, A.C. SUPPLY
 Maximum Motor OD: 142mm & Pump OD: 147mm

OUTLET SIZE 50mm TYPE OF FLR 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 FLR 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	

Note: Single phase motors are available upto 7.5 H.P.

V6

SUITABLE FOR 150mm BOREWELL OR ABOVE (Min. Bore Dia. 150mm)
 APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50Hz, A.C. SUPPLY
 Maximum Motor OD: 142mm & Pump OD: 147mm

OUTLET SIZE 50mm TYPE OF FLR 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	9.3	12.5	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 upto 7.5 H.P.

V6

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

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50Hz, A.C. SUPPLY
Maximum Motor OD: 142mm & Pump OD: 147mm

OUTLET SIZE 50mm TYPE OF FLANGE RADIAL

MODEL	MOTOR RATING		STAGE	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	9.3	12.5	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 FLANGE RADIAL

MODEL	MOTOR RATING		STAGE	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	9.3	12.5	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 upto 7.5 H.P.

V6

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

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50Hz, A.C. SUPPLY
Maximum Motor OD: 142mm & Pump OD: 147mm

OUTLET SIZE 65mm TYPE OF FLANGE RADIAL

MODEL	MOTOR RATING		STAGE	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 FLANGE RADIAL

MODEL	MOTOR RATING		STAGE	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 upto 7.5 H.P.

V6

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

OUTLET SIZE 75mm TYPE OF FLOW MIXED (ON DEMAND) PUMP HEAD PROVIDE 75mm

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 TYPE OF FLOW MIXED (ON DEMAND) PUMP HEAD PROVIDE 65mm

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 upto 7.5 H.P.

V6

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

OUTLET SIZE 75mm TYPE OF FLOW MIXED (ON DEMAND) PUMP HEAD PROVIDE 65mm

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 75mm TYPE OF FLOW MIXED (ON DEMAND) PUMP HEAD PROVIDE 100mm

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 upto 7.5 H.P.

V6

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

OUTLET SIZE: 75mm TYPE OF FLOW: MIXED (ON DEMAND OR PROVIDE 100mm)

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

OUTLET SIZE: 100mm TYPE OF FLOW: MIXED (ON DEMAND OR PROVIDE 100mm)

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM							
	kW	H.P.			0	650	700	850	950	980	1200	1380
VS: 64 (HH)	5.5	7.5	4		48	41	38	34	31	30	23	15
VS: 64 (TH)	7.5	10.0	5		60	51	48	43	39	38	29	19

OUTLET SIZE: 100mm TYPE OF FLOW: MIXED

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM									
	kW	H.P.			0	600	730	820	1050	1180	1350	1450	1580	
VS: 65 (HH)	5.5	7.5	3		39	32	31	28	25	23	21	19	14	
VS: 65 (TH)	7.5	10.0	4		52	43	42	38	33	31	28	25	19	
VS: 65 (THD)	9.3	12.5	5		65	54	52	47	41.5	39	35	31	24	
VS: 65 (THD)	11.0	15.0	6		78	65	62	56	50	47	42	37	29	

OUTLET SIZE: 100mm TYPE OF FLOW: MIXED

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM									
	kW	H.P.			0	500	700	900	1250	1300	1350	1450	1550	1700
VS: 67 (THD)	9.3	12.5	4		58	45	40	38	32	28	24	20	18	16
VS: 67 (THD)	11.0	15.0	5		72.5	56	50	47.5	40	35	30	25	22.5	20

Note: Single phase motors are available upto 7.5 H.P.

V6

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

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 upto 7.5 H.P.

V7

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

OUTLET SIZE 100mm TYPE OF FLOW MIXED

MODEL	MOTOR RATING		STAGE	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	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

VJ

SUITABLE FOR 175mm BOREWELL OR ABOVE (Min. Bore Dia. 175mm)
APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50Hz, A.C. SUPPLY
Maximum Motor OD: 142mm & Pump OD: 165mm

OUTLET SIZE 100mm TYPE OF FLOW MIXED

MODEL	MOTOR RATING		STAGE	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	7.50	10.00	2	37	32	31	26	22	20	17	15	12		
VJHH 7A: 35	12.50	17.00	3	56	48	46	39	33	30	26	22	18		
VJHH 7A: 35	15.00	20.00	4	74	64	62	52	44	40	34	30	24		
VJHH 7A: 35	15.00	20.00	5	84	71	67	59	52	47	40	31	24		
VJHH 7A: 35	17.50	24.00	5	84	71	67	59	52	47	40	31	24		
VJHH 7A: 35	20.00	27.00	5	92	81	78	65	55	50	42	38	30		
VJHH 7A: 35	25.00	34.00	6	111	96	93	78	66	60	51	45	36		
VJHH 7A: 35	30.00	41.00	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	15.00	20.00	3	63	56	53	48	40	38	34	32	28	24	
VJHH 7A: 50	20.00	27.00	4	84	74	70	62	54	50	46	42	38	32	
VJHH 7A: 50	25.00	34.00	5	105	92	88	78	68	62	58	53	48	40	
VJHH 7A: 50	30.00	41.00	6	126	110	105	93	81	75	69	63	57	48	

VJ

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

OUTLET SIZE 175mm 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	5.5	7.5	2	34	24	22	20	18	17	14	9					
VJN: 7JT 25 (THH) 5.5	5.5	7.5	3	48	36	33	30	27	25	21	14					
VJN: 7JT 50 (THH) 7.5	7.5	10.0	2	34	24	22	20	18	17	14	9					
VJN: 7JT 30 (THH) 7.5	7.5	10.0	3	48	36	33	30	27	25	21	14					
VJN: 7JT 30 (THH) 9.3	9.3	12.5	3	48	36	33	30	27	25	21	14					
VJN: 7JT 30 (THH) 15.0	15.0	20.0	4	65	49	44	41	36	33	28	19					
VJN: 7JT 50 (T) 15.0	15.0	20.0	4	70	54	48	45	41	37	33	25					
VJN: 7JT 50 (T) 18.5	18.5	25.0	5	88	68	60	56	51	46	41	31					

VJ

SUITABLE FOR 200mm BOREWELL OR ABOVE (Min. Bore Dia. 200mm)
APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50Hz, A.C. SUPPLY
Maximum Motor OD: 142mm & Pump OD B: 178mm & (C & E): 194mm

OUTLET SIZE 200mm 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		
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 (Min. Bore Dia. 200mm)
APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50Hz, A.C. SUPPLY
Maximum Motor OD: 142mm & Pump OD B: 178mm & (C & E): 194mm

OUTLET SIZE mm	MODEL	MOTOR RANG		STAGE	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					28	26	25	23	20	17	15	13					
	VJHH 8C: 50	11.0	15.0	3	64					42	40	38	35	30	25	22	20					
	VJHH 8C: 60	9.3	12.5	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				

OUTLET SIZE mm	MODEL	MOTOR RANG		STAGE	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						
	VJHH: 8CT 50	(THH) 9.5	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			

V8

SUITABLE FOR 200mm BOREWELL OR ABOVE (Min. Bore Dia. 200mm)
APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50Hz, A.C. SUPPLY
Maximum Motor OD: 180mm & Pump OD: 194mm

OUTLET SIZE mm	MODEL	MOTOR RANG		STAGE	TYPE OF W/L	RADIAL	DISCHARGE IN LPM										
		kW	H.P				0	75	150	200	250	300	350	400	450	510	
	VN 25	5.5	7.5	3			58	58	57	56	55	53	52	50	44	37	
	VN 25	7.5	10.0	4			78	77	76	74	73	71	69	66	58	50	
	VN 25	9.3	12.5	5			97	96	94	92	91	89	86	83	72	62	
	VN 25	11.0	15.0	6			116	115	113	111	109	107	103	100	87	74	
	VN 25	13.0	17.5	7			136	134	132	130	127	125	120	116	102	87	
	VN 25	15.0	20.0	8			155	154	151	148	146	142	138	133	116	99	
	VN 25	18.5	25.0	9			175	173	170	166	164	160	155	149	130	112	
	VN 25	18.5	25.0	10			194	192	189	185	182	178	172	166	145	124	
	VN 25	22.5	30.0	11			213	211	208	204	200	196	189	183	160	136	
	VN 25	22.5	30.0	12			233	231	227	222	218	214	206	199	174	149	
	VN 25	26.0	35.0	14			272	269	265	259	255	249	241	232	203	174	
	VN 25	30.0	40.0	16			310	307	302	296	291	285	275	266	232	198	
	VN 25	37.5	50.0	18			349	346	340	333	328	320	310	299	261	223	
	VN 25	37.5	50.0	20			388	384	378	370	364	356	344	332	290	248	

V8

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

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50Hz, A.C. SUPPLY
Maximum Motor OD: 180mm & Pump OD: 194mm

OUTLET SIZE 75mm TYPE OF LOAD RADIAL

MODEL	MOTOR RATING		STAGE	DISCHARGE IN LPM								
	KW	H.P.		0	170	330	450	550	600	750	900	980
VN 30	7.5	10.0	3	58	55	53	50	46	43	34	24	16
VN 30	9.3	12.5	4	77	74	71	67	61	57	45	32	22
VN 30	11.0	15.0	5	96	92	88	84	76	71	56	40	28
VN 30	13.0	17.5	6	115	110	106	100	92	85	67	48	33
VN 30	15.0	20.0	7	134	129	124	117	107	99	78	56	38
VN 30	18.5	25.0	8	154	147	142	134	122	114	90	64	44
VN 30	22.5	30.0	9	173	166	159	150	138	128	101	72	50
VN 30	22.5	30.0	10	192	184	177	167	153	142	112	80	55
VN 30	26.0	35.0	11	211	202	195	184	168	156	123	88	60
VN 30	26.0	35.0	12	230	221	212	200	184	170	134	96	66
VN 30	30.0	40.0	13	250	239	230	217	199	185	146	104	72
VN 30	33.0	45.0	14	269	258	248	234	214	199	157	112	77
VN 30	37.5	50.0	16	307	294	283	267	245	227	179	128	88

V8

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

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50Hz, A.C. SUPPLY
Maximum Motor OD: 180mm & Pump OD: 194mm

OUTLET SIZE 75mm TYPE OF LOAD RADIAL

MODEL	MOTOR RATING		STAGE	DISCHARGE IN LPM								
	KW	H.P.		0	150	300	370	420	480	550	650	750
VN 30H	5.5	7.5	3	58	56	53	52	50	46	41	34	29
VN 30H	7.5	10.0	4	77	75	71	69	67	62	55	46	39
VN 30H	9.3	12.5	5	97	93	88	87	83	77	68	57	50
VN 30H	11.0	15.0	6	116	112	106	104	100	92	82	68	60
VN 30H	13.0	17.5	7	135	131	124	121	117	107	96	81	70
VN 30H	15.0	20.0	8	155	149	141	139	133	123	109	91	77
VN 30H	18.5	25.0	9	175	168	159	156	150	138	123	102	87
VN 30H	18.5	25.0	10	193	187	177	173	167	153	137	113	97
VN 30H	22.5	30.0	11	213	205	194	191	183	169	150	125	106
VN 30H	22.5	30.0	12	232	224	212	208	200	184	164	136	116
VN 30H	26.0	35.0	14	274	261	247	243	233	215	191	159	135
VN 30H	30.0	40.0	16	311	299	283	277	267	245	219	183	155
VN 30H	37.5	50.0	18	348	336	322	312	300	276	246	205	174
VN 30H	37.5	50.0	20	387	373	353	347	333	310	273	230	193

V8

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

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50Hz, A.C. SUPPLY
Maximum Motor OD: 180mm & Pump OD: 194mm

OUTLET SIZE 75mm TYPE OF LOAD RADIAL

MODEL	MOTOR RATING		STAGE	DISCHARGE IN LPM										
	KW	H.P.		0	170	290	420	500	600	700	800	900	1000	
VN 50	7.5	10.0	2	43	42	40	39	38	37	35	33	29	25	
VN 50	11.0	15.0	3	64	63	60	58	57	56	52	50	44	38	
VN 50	15.0	20.0	4	86	84	80	78	76	74	70	66	58	50	
VN 50	18.5	25.0	5	108	105	100	98	95	92	88	82	72	62	
VN 50	22.5	30.0	6	129	126	120	117	114	111	105	98	87	75	
VN 50	26.0	35.0	7	150	147	140	136	133	129	122	116	100	88	
VN 50	30.0	40.0	8	172	168	160	156	152	148	140	130	116	99	
VN 50	33.0	45.0	9	194	189	180	176	171	166	158	148	130	112	
VN 50	37.5	50.0	10	215	210	200	195	190	185	175	165	145	125	
VN 50	41.0	55.0	11	236	231	222	214	209	204	192	179	160	138	
VN 50	45.0	60.0	12	258	252	242	234	228	220	210	196	174	150	

V8

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

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50Hz, A.C. SUPPLY
Maximum Motor OD: 180mm & Pump OD: 194mm

OUTLET SIZE 75mm TYPE OF LOAD RADIAL

MODEL	MOTOR RATING		STAGE	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 (Min. Bore Dia. 200mm)
 APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50Hz, A.C. SUPPLY
 Maximum Motor OD: 180mm & Pump OD: 194mm

OUTLET SIZE 75mm TYPE OF FLOW MIXED (ON DEMAND) PROVIDE 125mm

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				
VQ25	NB	7.5	10.0	3		53	41	36	34	30	22	20	18						
VQ35	NB	5.5	7.5	2		38	29	26	24	21	18	17	15	14					
VQ35	NB	9.3	12.5	3		57	44	40	36	34	27	26	20	18					
VQ35	NB	11	15.0	4		76	59	53	48	45	35	34	30	27					
VQ35	NB	15	20.5	5		95	73	67	60	57	44	43	38	30					
VQ35	NB	18.5	25.0	6		114	88	80	72	68	53	51	46	36					
VQ35	NB	22.5	30.0	7		133	103	93	84	79	62	60	54	42					
VQ35	NB	26	35.0	8		152	118	106	96	90	71	68	62	48					
VQ35	NB	30	40.0	9		171	133	119	108	101	80	77	70	54					
VQ35	NB	30	40.0	10		190	148	132	120	112	89	85	78	60					
VQ35	NB	30	40.0	11		209	163	145	132	123	98	94	86	66					
VQ35	NB	33	45.0	11		209	163	145	132	123	98	94	86	66					
VQ35	NB	37.5	50.0	12		228	178	158	144	134	107	102	94	72					
VQ35	NB	41	55.0	12		228	178	158	144	134	107	102	94	72					
VQ35	NB	45	60.0	14		266	208	184	168	156	125	119	110	84					

V8

SUITABLE FOR 200mm BOREWELL OR ABOVE (Min. Bore Dia. 200mm)
 APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50Hz, A.C. SUPPLY
 Maximum Motor OD: 180mm & Pump OD: 194mm

OUTLET SIZE 75mm TYPE OF FLOW MIXED (ON DEMAND) PROVIDE 125mm

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					
VQ50	NB	7.5	10.0	2		39	32	30	28	25	21	19	17	14	13					
VQ50	NB	11.0	15.0	3		59	47	44	42	37	31	29	25	21	19					
VQ50	NB	15.0	20.0	4		79	64	60	56	50	42	38	34	28	26					
VQ50	NB	18.5	25.0	5		99	80	75	70	63	53	48	43	35	33					
VQ50	NB	22.5	30.0	6		119	96	90	84	76	64	57	52	42	40					
VQ50	NB	26.0	35.0	7		139	112	105	98	89	75	67	61	49	47					
VQ50	NB	30.0	40.0	8		159	128	120	112	102	86	76	70	56	54					
VQ50	NB	33.0	45.0	9		179	144	135	126	115	97	86	79	63	61					
VQ50	NB	37.5	50.0	10		199	160	150	140	128	108	95	88	70	68					
VQ50	NB	41.0	55.0	11		219	176	165	154	144	119	105	97	77	75					
VQ50	NB	45.0	60.0	12		239	192	180	168	157	130	114	106	84	82					
VQ60	NB	9.3	12.5	2		46	38	35	33	30	27	24	21	19						
VQ60	NB	13.0	17.5	3		69	57	52	50	45	41	36	32	29						
VQ60	NB	18.5	25.0	4		92	76	69	66	60	55	48	43	39						
VQ60	NB	22.5	30.0	5		115	95	86	83	75	69	60	54	49						
VQ60	NB	26.0	35.0	6		138	114	103	99	90	83	72	65	59						
VQ60	NB	33.0	45.0	7		161	133	120	116	105	97	84	76	69						
VQ60	NB	37.5	50.0	8		184	152	137	132	120	111	96	87	79						
VQ60	NB	41.0	55.0	9		207	171	154	149	135	125	108	98	89						
VQ60	NB	45.0	60.0	10		230	190	171	165	150	139	120	109	99						

V8

SUITABLE FOR 200mm BOREWELL OR ABOVE (Min. Bore Dia. 200mm)
APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50Hz, A.C. SUPPLY
Maximum Motor OD: 180mm & Pump OD: 194mm

OUTLET SIZE 75mm TYPE OF FLOW MIXED

MODEL	PUMP TYPE	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM					
		kW	H.P.			0	550	700	800	900	1000
VQ35	HF4	5.5	7.5	2		40	36	32	28	25	22
VQ35	HF4	9.3	12.5	3		60	54	49	43	39	34
VQ35	HF4	11.0	15.0	4		80	72	65	57	51	45
VQ35	HF4	15.0	20.0	5		100	90	81	71	62	56
VQ35	HF4	18.5	25.0	6		120	108	97	85	75	67
VQ35	HF4	22.5	30.0	7		140	126	113	99	88	78
VQ35	HF4	22.5	30.0	8		160	144	129	113	101	89
VQ35	HF4	26.0	35.0	8		160	144	129	113	101	89
VQ35	HF4	30.0	40.0	9		180	162	145	127	114	100
VQ35	HF4	33.0	45.0	10		200	180	161	141	126	111
VQ35	HF4	37.5	50.0	11		220	198	177	155	139	122

OUTLET SIZE 75mm TYPE OF FLOW MIXED

MODEL	PUMP TYPE	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM				
		kW	H.P.			0	850	950	1150	1260
VQ 50	HF5	7.5	10.0	2		43	32	30	26	23
VQ 50	HF5	11.0	15.0	3		65	48	45	39	33
VQ 50	HF5	15.0	20.0	4		86	64	60	52	44
VQ 50	HF5	18.5	25.0	5		108	80	75	65	55
VQ 50	HF5	22.5	30.0	6		130	96	90	78	66
VQ 50	HF5	26.0	35.0	7		151	112	105	91	77
VQ 50	HF5	30.0	40.0	8		173	128	120	104	88
VQ 50	HF5	33.0	45.0	9		195	144	135	117	99
VQ 50	HF5	37.5	50.0	10		216	160	150	130	110
VQ 50	HF5	41.0	55.0	11		238	176	165	143	121
VQ 50	HF5	45.0	60.0	12		259	192	180	156	132
VQ 50	HF5	49.0	65.0	13		281	208	195	169	143
VQ 50	HF5	52.0	70.0	14		302	224	210	182	154
VQ 50	HF5	56.0	75.0	15		324	240	225	195	165

Note: Up to 60 H.P. 8" available and above 60 H.P. 9" & 10" motor

V8

SUITABLE FOR 200mm BOREWELL OR ABOVE (Min. Bore Dia. 200mm)
APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50Hz, A.C. SUPPLY
Maximum Motor OD: 180mm & Pump OD : 194mm

OUTLET SIZE 75mm TYPE OF FLOW MIXED

MODEL	PUMP TYPE	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM						
		kW	H.P.			0	600	800	1000	1100	1200	1300
VQ-60	HF6	9.3	12.5	2		46	42	39	37	33	30	25
VQ-60	HF6	13.0	17.5	3		69	64	59	55	50	44	38
VQ-60	HF6	18.5	25.0	4		92	84	78	73	66	59	50
VQ-60	HF6	22.5	30.0	5		115	105	96	91	84	74	65
VQ-60	HF6	26.0	35.0	6		140	128	117	109	98	87	74
VQ-60	HF6	30.0	40.0	7		161	149	138	128	118	104	89
VQ-60	HF6	37.5	50.0	8		184	170	155	145	132	118	100
VQ-60	HF6	41.0	55.0	9		207	191	174	163	149	133	113
VQ-60	HF6	45.0	60.0	10		230	213	194	181	165	148	125
VQ-60	HF6	49.0	65.0	11		253	234	213	199	182	162	138
VQ-60	HF6	52.0	70.0	12		276	255	233	218	198	177	150
VQ-60	HF6	56.0	75.0	13		299	276	252	236	215	192	163
VQ-60	HF6	60.0	80.0	14		322	298	271	254	231	207	175
VQ-60	HF6	64.0	85.0	15		345	319	291	272	248	221	188

Note: 8" available up to 60 H.P. and 9" & 10" above 60 H.P.

V8

SUITABLE FOR 200mm BOREWELL OR ABOVE (Min. Bore Dia. 200mm)
 APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380-415 VOLTS THREE PHASE, 50Hz, A.C. SUPPLY
 Maximum Motor OD: 180mm & Pump OD: 194mm

(ON DEMAND) PROVIDE 150mm)

OUTLET SIZE 15mm		TYPE OF MIXED		DISCHARGE IN LPM																				
MODEL	PUMP TYPE	MOTOR KW	RANG H.P.	STAGE	HEAD IN METERS																			
					0	1250	1600	1900	2000	2100	2200	2300	2400	250	260	270	280	290	300	310	320	330	340	350
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	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: 8" available up to 60 H.P. and 9" & 10" above 60 H.P.