

PERFORMANCE BOOK



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RAISE • REACH • REAP

V4 OF & WF

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

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 200-240 VOLTS SINGLE PHASE /
380-415 VOLTS THREE PHASE, 50Hz, A.C. SUPPLY
Maximum Motor OD: 96.5mm & Pump OD: 96.5mm

OUTLET SIZE: 38mm

TYPE OF FLOW: RADIAL

(ON DEMAND CAN PROVIDE 50mm)

MODEL		MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM							
OF	WF	kW	H.P.			0	70	85	110	120	130	140	150
WO: 1L	WW: 1L	0.75	1.00	5		33	30	28	26	24	22	19	17
WO: 1L	WW: 1L	1.10	1.50	6		40	36	33	31	29	27	23	20
WO: 1L	WW: 1L	1.10	1.50	7		47	42	39	36	34	32	27	23
WO: 1L	WW: 1L	1.50	2.00	8		53	48	45	41	39	36	31	27
WO: 1L	WW: 1L	1.50	2.00	10		67	60	56	52	48	45	38	33

OUTLET SIZE: 38mm

TYPE OF FLOW: RADIAL

MODEL		MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM						
OF	WF	kW	H.P.			0	30	50	80	90	110	120
WO: 0L	WO: 0L	0.75	1.00	7		46	44	42	35	32	27	22
WO: 0L	WO: 0L	1.10	1.50	8		53	50	48	40	37	30	25
WO: 0L	WO: 0L	1.10	1.50	10		66	63	60	50	46	38	31
WO: 0L	WO: 0L	1.50	2.00	12		79	76	72	60	55	46	37

OUTLET SIZE: 32mm

TYPE OF FLOW: RADIAL

MODEL		MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM							
OF	WF	kW	H.P.			0	20	30	40	50	60	70	90
WO: 2L	WW: 2L	0.55	0.75	6		36	34	33	32	31	28	26	20
WO: 2L	WW: 2L	0.55	0.75	7		42	39	38	37	36	33	30	23
WO: 2LE	WW: 2LE	0.75	1.00	7		42	39	38	37	36	33	30	23
WO: 2L	WW: 2L	0.75	1.00	8		48	45	44	42	41	38	34	26
WO: 2L	WW: 2L	0.75	1.00	10		60	56	54	53	51	47	43	33
WO: 2L	WW: 2L	1.10	1.50	12		72	68	65	63	61	57	51	39
WO: 2L	WW: 2L	1.10	1.50	14		84	79	76	74	71	66	60	46
WO: 2L	WW: 2L	1.50	2.00	16		96	90	87	84	81	76	68	52
WO: 2L	WW: 2L	1.50	2.00	18		108	102	98	95	92	85	77	59

Note: OF - Single phase motors are available upto 3 H.P. • WF - Single phase motors are available upto 5 H.P.

V4 OF & WF

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

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

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

OUTLET SIZE: 32mm

TYPE OF FLOW: RADIAL

MODEL		MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM							
OF	WF	kW	H.P.			0	22	26	37	42	45	55	68
WO: 3L	WW: 3L	0.37	0.50	6		35	32	31	29	28	26	23	8
WO: 3LE	WW: 3LE	0.75	1.00	8		46	43	41	39	37	35	30	10
WO: 3L	WW: 3L	0.55	0.75	10		58	53	51	48	46	44	38	13
WO: 3L	WW: 3L	0.75	1.00	10		58	53	51	48	46	44	38	13
WO: 3L	WW: 3L	0.75	1.00	12		69	64	61	58	55	53	45	15
WO: 3L	WW: 3L	1.10	1.50	18		104	96	92	87	83	79	68	23
WO: 3L	WW: 3L	1.10	1.50	21		121	112	107	102	97	92	79	27
	WW: 3L	1.50	2.00	25		144	134	128	121	115	110	94	32

OUTLET SIZE: 32mm

TYPE OF FLOW: RADIAL

MODEL		MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM						
OF	WF	kW	H.P.			0	10	15	20	25	35	40
WO: 5L	WW: 5L	0.37	0.50	8		45	42	40	38	34	28	20
WO: 5L	WW: 5L	0.37	0.50	9		50	48	45	43	39	32	22
WO: 5L	WW: 5L	0.55	0.75	12		67	64	60	58	52	42	30
WO: 5L	WW: 5L	0.55	0.75	14		78	74	70	67	60	49	35
WO: 5L	WW: 5L	0.75	1.00	16		90	85	80	77	69	56	40
WO: 5L	WW: 5L	0.75	1.00	18		101	95	90	86	77	63	45
WO: 5L	WW: 5L	0.75	1.00	21		118	111	105	101	90	74	52
WO: 5L	WW: 5L	1.10	1.50	25		140	132	125	120	108	88	62
WO: 5L	WW: 5L	1.10	1.50	27		151	143	135	130	116	94	68
	WW: 5L	1.50	2.00	32		179	170	160	154	138	112	80

Note: OF - Single phase motors are available upto 3 H.P. • WF - Single phase motors are available upto 5 H.P.

V4 OF & WF

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

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

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

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

OUTLET SIZE: 32mm

TYPE OF FLOW: RADIAL

MODEL		MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM									
OF	WF	kW	H.P.			0	28	42	43	45	52	58	64	80	92
WO: 2H	WW: 2H	0.37	0.50	4		35	31	29	28.5	28	26	23	21	16	11
WO: 2H	WW: 2H	0.75	1.00	7		61	55	50.5	50	49	44	41	37	28	19
WO: 2H	WW: 2H	0.75	1.00	8		69	63	58	57	56	51	47	42	32	22
WO: 2H	WW: 2H	1.10	1.00	10		87	78	72	71	69	63	59	53	40	28
WO: 2H	WW: 2H	1.10	1.50	11		95	86	79	78	76	70	65	58	45	30
WO: 2H	WW: 2H	1.10	1.50	12		104	94	86	85	83	76	71	63	49	33
WO: 2H	WW: 2H	1.50	2.00	14		121	110	101	99	97	89	82	74	57	39
	WW: 2H	1.50	2.00	16		139	125	115	113	111	101	94	84	65	44

OUTLET SIZE: 32mm

TYPE OF FLOW: RADIAL

MODEL		MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM								
OF	WF	kW	H.P.			0	34	38	40	45	50	58	64	86
WO: 3H	WW: 3H	0.55	0.75	7		56	49.5	49	48	45	41	36	32	18
WO: 3H E	WW: 3H E	0.75	1.00	7		56	49.5	49	48	45	41	36	32	18
WO: 3H	WW: 3H	0.75	1.00	10		80	70.5	70	68	64	59	51	46	26
WO: 3H E	WW: 3H E	1.10	1.50	10		80	70.5	70	68	64	59	51	46	26
WO: 3H	WW: 3H	1.10	1.50	15		120	106	105	103	96	88	76	68	39

OUTLET SIZE: 32mm

TYPE OF FLOW: RADIAL

MODEL		MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM							
OF	WF	kW	H.P.			0	13	20	24	27	34	39	45
WO: 4H	WW: 4H	0.37	0.50	6		44	38	35	33	32	26	21	13
WO: 4H	WW: 4H	0.55	0.75	10		73	63	59	55	53	43	35	22
WO: 4H E	WW: 4H E	0.75	1.00	10		73	63	59	55	53	43	35	22
WO: 4H	WW: 4H	0.55	0.75	12		87	76	70	66	63	51	42	26
WO: 4H	WW: 4H	0.75	1.00	14		102	88	82	77	74	60	49	31
WO: 4H	WW: 4H	0.75	1.00	16		116	101	94	88	84	68	56	35
WO: 4H	WW: 4H	1.10	1.50	18		131	113	105	99	95	77	63	40
	WW: 4H	1.50	2.00	20		145	126	117	110	105	85	70	44

Note: OF - Single phase motors are available upto 3 H.P. • WF - Single phase motors are available upto 5 H.P.

V4 OF & WF

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

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

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

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

OUTLET SIZE: 38mm

TYPE OF FLOW: RADIAL

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM						
	WF	kW	H.P.		0	30	50	80	90	110	120
VSE: 70		2.20	3.00	18	119	113	108	90	83	68	56
VSE: 70		2.20	3.00	22	145	139	132	110	101	84	68
VSE: 70		3.00	4.00	25	165	158	150	125	115	95	78
VSE: 70		3.70	5.00	31	205	195	186	155	143	118	96

OUTLET SIZE: 38mm

TYPE OF FLOW: RADIAL

(ON DEMAND CAN PROVIDE 50mm)

MODEL		MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM							
OF	WF	kW	H.P.			0	70	85	110	120	130	140	150
VSO: 71	VSR: 71	2.20	3.00	12		80	72	69	63	61	56	49	41
	VSR: 71	2.20	3.00	15		100	90	86	79	75	70	59	52
	VSR: 71	3.70	5.00	19		127	114	108	99.5	94	88	75	64
	VSR: 71	3.70	5.00	22		147	132	123	115	107	100	86	75
	VSR: 71	3.70	5.00	25		166	150	142	130	121	114	98	85
	VSR: 71	4.50	6.00	31		206	186	177	161	150	140	120	105

OUTLET SIZE: 32mm

TYPE OF FLOW: RADIAL

MODEL		MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM							
OF	WF	kW	H.P.			0	20	30	40	50	60	70	90
VSO: 72	VS: 72	2.20	3.00	22		132	124	120	116	112	104	94	72
	VS: 72	2.20	3.00	25		150	141	136	132	127	118	107	82
	VS: 72	3.00	4.00	30		180	169	164	158	153	142	128	98
	VS: 72	3.00	4.00	38		228	214	207	200	193	180	162	124
	VS: 72	3.70	5.00	45		270	254	245	237	229	213	192	147
	VS: 72	4.50	6.00	50		300	282	272	263	254	236	213	163

Note: OF - Single phase motors are available upto 3 H.P. • WF - Single phase motors are available upto 5 H.P.

V4 WF

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

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

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

OUTLET SIZE: 32mm

TYPE OF FLOW: RADIAL

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM							
WF	kW	H.P.			0	22	26	37	42	45	55	68
VS: 73	2.20	3.00	27		156	144	138	131	124	119	102	35
VS: 73	2.20	3.00	32		184	171	163	155	147	140	120	41
VS: 73	2.20	3.00	38		219	203	194	184	175	167	143	49
VS: 73	3.00	4.00	42		242	224	214	203	193	184	158	54

OUTLET SIZE: 32mm

TYPE OF FLOW: RADIAL

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM						
	kW	H.P.			0	10	15	20	25	35	40
VS: 75	2.20	3.00	30		168	159	150	144	129	105	75
VS: 75	2.20	3.00	32		179	170	160	154	138	112	80
VS: 75	2.20	3.00	37		207	196	185	178	159	130	92

Note: OF - Single phase motors are available upto 3 H.P. • WF - Single phase motors are available upto 5 H.P.

V4 WF

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

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

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

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

OUTLET SIZE: 32mm

TYPE OF FLOW: RADIAL

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM									
	kW	H.P.			0	28	42	43	45	52	58	64	80	92
HHSF: 2	2.20	3.00	18		156	141	129	127	125	114	106	95	73	50
HHSF: 2	3.00	4.00	23		199	180	165	163	160	146	135	121	93	64
HHSF: 2	3.70	5.00	34		294	266	244	241	236	215	200	179	138	94

OUTLET SIZE: 32mm

TYPE OF FLOW: RADIAL

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM									
	kW	H.P.			0	34	38	40	45	50	58	64	86	
HHSF: 3	2.20	3.00	18		147	130	128	125	116	107	92	82	47	
HHSF: 3	2.20	3.00	21		171	152	149	146	136	125	107	96	55	
HHSF: 3	3.70	5.00	37		297	262	259	253	238	221	189	168	97	
HHSF: 3	3.70	5.00	40		320	284	280	274	257	238	204	182	104	

OUTLET SIZE: 32mm

TYPE OF FLOW: RADIAL

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM									
	kW	H.P.			0	17	19	23	27	30	33	37	42	47
HHSF: 4	2.20	3.00	30		237	207	201	192	180	168	156	135	105	75
HHSF: 4	3.00	4.00	37		293	256	247	237	222	207	192	167	130	93

Note: OF - Single phase motors are available upto 3 H.P. • WF - Single phase motors are available upto 5 H.P.

V4 WF

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

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

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

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

OUTLET SIZE: 32mm

TYPE OF FLOW: RADIAL

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM						
	kW	H.P.			0	30	40	50	60	80	90
4RF: VL4	1.10	1.50	14		94	84	80	74	66	46	32
4RF: VL4	1.50	2.00	19		128	114	109	100	90	62	43
4RF: VL4	2.20	3.00	25		169	150	144	131	119	81	56
4RF: VL4	2.20	3.00	27		182	162	155	142	128	88	61
4RF: VL4	3.00	4.00	35		236	210	201	184	166	114	79
4RF: VL4	3.70	5.00	48		324	288	276	252	228	156	108

OUTLET SIZE: 50mm

TYPE OF FLOW: RADIAL

MODEL	MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM						
	kW	H.P.			0	60	80	100	120	140	160
4RF: VL8	1.50	2.00	8		52	48	46	44	41	37	32
4RF: VL8	2.20	3.00	13		84	77	74	71	67	60	51
4RF: VL8	2.20	3.00	15		97	89	85	82	77	69	59
4RF: VL8	3.00	4.00	17		110	101	97	93	87	78	67
4RF: VL8	3.70	5.00	23		149	137	132	126	118	106	91
4RF: VL8	3.70	5.00	25		162	149	143	137	128	115	99
4RF: VL8 (HH)	4.50	6.00	32		207	190	183	175	164	147	126
4RF: VL8 (HH)	5.50	7.50	43		278	256	246	235	221	198	170

Note: OF - Single phase motors are available upto 3 H.P. • WF - Single phase motors are available upto 5 H.P.

V4 OF & WF

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

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

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

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

OUTLET SIZE: 50mm

TYPE OF FLOW: MIXED

MODEL		MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM					
OF	WF	kW	H.P.			0	110	160	190	220	250
WO: 7L	WW: 7L	1.10	1.50	6		40	33	27	22	18	10
WO: 7L	WW: 7L	1.50	2.00	8		53	44	36	30	24	14
VSO: 77	VS: 77	2.20	3.00	12		79	66	54	46	38	20

OUTLET SIZE: 50mm

TYPE OF FLOW: MIXED

MODEL		MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM					
WF		kW	H.P.			0	200	250	280	330	350
VS: 74		2.20	3.00	6		32	22	19	15	10	6
VS: 74		2.20	3.00	7		37	27	24	17	12	9
VS: 74		2.20	3.00	9		48	35	30	23	16	10
VS: 74		3.00	4.00	10		53	38	33	26	20	12
VS: 74		3.70	5.00	12		64	46	40	31	24	14
VS: 74		3.70	5.00	14		74	55	48	37	29	17
VS: 74		4.50	6.00	16		85	63	55	42	33	19
VS: 74		4.50	6.00	18		95	71	62	48	37	22

Note: OF - Single phase motors are available upto 3 H.P. • WF - Single phase motors are available upto 5 H.P.

V4 OF & WF

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

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

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

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

OUTLET SIZE: 50 & 65mm TYPE OF FLOW: MIXED

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

OUTLET SIZE: 65mm TYPE OF FLOW: MIXED

MODEL		MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM								
OF	WF	kW	H.P.			0	120	200	250	300	350	400	450	500
VSO: 79	VS: 79	2.20	3.00	6		38	33	30	27	24	21	18	15	12
	VS: 79	3.00	4.00	8		50	44	40	36	32	28	24	20	16
	VS: 79	3.70	5.00	10		62	55	50	45	40	35	30	25	20
	VS: 79	4.50	6.00	12		75	66	60	54	48	42	36	30	24
	VS: 79	5.50	7.50	14		88	77	70	63	56	49	42	35	28

Note: OF - Single phase motors are available upto 3 H.P. • WF - Single phase motors are available upto 5 H.P.

V4 OF & WF

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

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

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

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

OUTLET SIZE: 50 & 65 mm TYPE OF FLOW: MIXED

MODEL		MOTOR RATING		STAGE	HEAD IN METERS	DISCHARGE IN LPM							
OF	WF	kW	H.P.			0	210	260	320	370	425	485	600
VSO: 74 C	VS: 74 C	1.50	2.00	5		30	24	21	19	17	15	13	9
VSO: 74 C	VS: 74 C	1.50	2.00	6		36	28	26	23	21	18	15	10
VSO: 74 C	VS: 74 C	2.20	3.00	6		36	28	26	23	21	18	15	10
	VS: 74 C	2.20	3.00	7		42	33	30	27	24	21	18	12
	VS: 74 C	3.00	4.00	8		48	38	34	31	27	24	21	14
	VS: 74 C	3.70	5.00	10		60	47	43	39	34	30	26	17
	VS: 74 C	4.50	6.00	12		72	57	51	46	41	36	31	21
	VS: 74 C	5.50	7.50	14		84	66	60	54	48	42	36	24
	VS: 74 C	7.50	10.00	16		96	75	68	62	55	48	41	27

Note: OF - Single phase motors are available upto 3 H.P. • WF - Single phase motors are available upto 5 H.P.



LA-GAJJAR MACHINERIES PVT. LTD.

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