

PERFORMANCE BOOK

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VERTICAL OPENWELL SUBMERSIBLE PUMPSETS

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

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

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

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

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

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VERTICAL OPENWELL SUBMERSIBLE PUMP SETS

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

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

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

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

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VERTICAL OPENWELL SUBMERSIBLE PUMPSETS

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

MODEL	MOTOR RATING		STAGE	HEAD IN METERS												DISCHARGE IN LPM									
	kW	H.P.		0	28	40	48	57	65	72	78	85	90	95	100	105									
VV: 05005 R3H (L)	0.37	0.50	5	42	36	33	31	28	25	22	19	17	14	11	8	6									
VV: 07506 R3H (L)	0.55	0.75	6	50	43	40	37	34	30	26	23	20	17	13	10	7									
VV: 10007 R3H (L)	0.75	1.00	7	58	50	47	43	40	35	30	27	23	20	15	12	8									
VV: 15009 R3H (L)	1.10	1.50	9	76	65	60	55	50	45	40	35	30	25	20	15	10									



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