



# VELINO

W A T E R   P U M P S



The eternal spring



## Open Well Submersible Pump



### Technical Data

Flow Q	max 250 lpm
Head H	max 30 mtr
Liquid temp	up to 60°C
Power Supply	220-240V, 50Hz

### Salient Features

PVC insulated winding  
Water lubricated motor  
Aluminium Impeller with epoxy coating  
Stainless steel shaft  
Copper / Aluminium rotor

Model	kW	HP	Pipe Size	Head in Metre	6	10	15	20	22	25
OWS 50	0.37	0.5	1" x 1"	Litre per minute	140	130	110	75	50	
OWS 100	0.75	1.0	1¼" x 1"		220	200	175	140	120	80

## Self Priming Pump



### Technical Data

Flow Q	max 55 lpm
Head H	max 45 mtr
Liquid temp	up to 60°C
Suction lift	up to 7 mtr
Power supply	220 - 240V, 50 Hz

### Salient Features

Cast iron casing and bracket  
Brass impeller  
Stainless steel shaft  
Ceramic and graphite mechanical seal  
Class F insulation

Model	kW	HP	Pipe Size	Head in Metre	6	12	18	24	30	36	42	45
SP 50	0.37	0.5	1" x 1"	Litre per minute	40	30	24	20	15			
SP 100	0.75	1.0	1" x 1"		55	49	44	38	32	24	17	14



## Pressure Booster System



The Pressure Booster System consists of a multi-stage centrifugal pump suitably assembled with automatic pressure control. It is used for houses, apartments, garden irrigation and small industrial applications. The pressure booster system is suitable where the main supply lines have low pressure and wherever water boosting is required.

Operation of the pump is regulated by the automatic pressure control. When the control detects water flow, it starts the pump automatically. The pump will continuously run as long as there is water flow and constant pressure. The pump will stop automatically after a few seconds when the water flow stops.

The Pressure booster system is available in two models - **0.8 HP and 1 HP**

## Multistage Pump

Automatic Pressure Control



### Material of construction

Top Housing : ABS  
Bottom Housing : GF Nylon  
Diaphragm : HI Nitrile

### Technical Data

Flow Q : max 160 lpm  
Head H : max 55 mtr  
Liquid temp : up to 60°C  
Suction lift : up to 7 mtr  
Power supply : 220 - 240 V, 50Hz

### Salient Features

Stainless steel diffusers and impellers  
Stainless steel shaft  
Ceramic and graphite mechanical seal  
Thermal cut-out relay  
Insulation Class F  
Protection IP 44

Model	Power		Pipe Size		m <sup>3</sup> / h l/min	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6
	kW	HP	Suction	Delivery		0	20	40	60	80	100	120	140	160
VMP 80	0.60	0.80	1"	1"	Head in Metre	30	24	21	17	6				
VMP 100	0.75	1.00	1"	1"		40	34	30	26	16	6			
VMP 150	1.10	1.50	1"	1"		50	40	37	33	29	24	18	11	2
VMP 200	1.50	2.00	1"	1"		55	50	48	43	37	30	24	15	6



### Technical Data

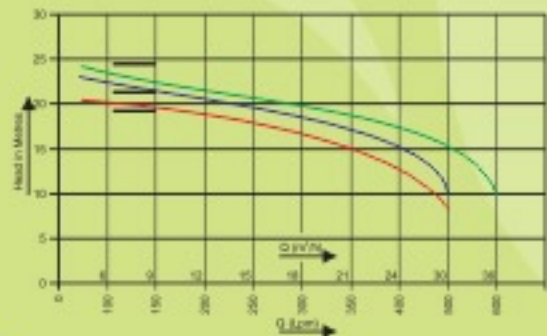
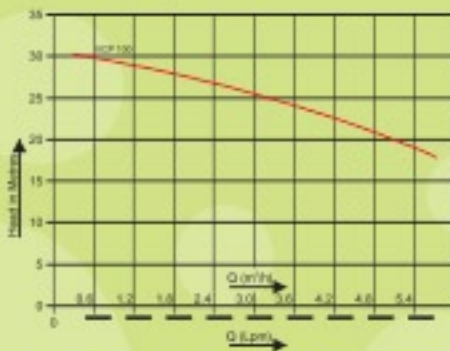
Flow Q	max 600 l/min
Head H	max 30 mtr
Liquid temp	up to 60 C
Suction lift	up to 7 mtr
Power supply	240 V / 50Hz

### Special features on request

Voltage 110 V / 415 V  
Frequency 60Hz

### Features and benefits

Cast Iron Casing and bracket  
Brass Impellers  
Stainless Steel shaft  
Ceramic and graphite Mechanical Seal  
Thermal cutout relay  
Insulation class F  
Protection IP 44



## Centrifugal Pump

Model	Power		Pipe Size		m <sup>3</sup> / h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4
	kW	HP	Suction	Delivery		l/min	0	10	20	30	40	50	60	70	80
VCP 100	0.75	1.00	1"	1"	Head mtr	30	29	28	27	26	25	24	22	20	18
Model	Power		Pipe Size		m <sup>3</sup> / h	0	6	9	12	15	18	21	24	30	36
	kW	HP	Suction	Delivery		l/min	0	100	150	200	250	300	350	400	500
VCP 150	1.10	1.50	2"	2"	Head mtr	21	20	19	18	17	16	14	12	8	
VCP 200	1.50	2.00	2"	2"	Head mtr	23	22	21	20	19	18	17	14	9	
VCP 300	2.20	3.00	2"	2"	Head mtr	24	23	22	21	20	19	18	17	14	10

Note : Due to continuous development, the design and specification may change without notice.





### Technical Data

Head range : 10 to 32 Metre  
 Flow range : 4 to 38 Litres per second  
 Power Rating : 2.2 kW to 11kW (3.0 HP to 15 HP)  
 Power Supply : 3 Phase, 380 - 415 Volts, 50 Hz  
 Speed : 2880 RPM  
 Suction Lift : up to 7 Metre  
 Liquid Temp : up to 60° C

### Material of Construction

Casing and Bracket : Cast Iron  
 Motor Body : Cast Iron  
 Impeller : Cast Iron with E-Coating  
 Shaft : SS 410  
 Mechanical Seal : Graphite and Ceramic

Pump Model	kW	HP	SUC mm	DEL mm	Flow																		
					LPS	0	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
					LPM	0	240	300	360	420	480	540	600	660	720	780	840	900	960	1020			
VMB 30/252	2.2	3.0	65	50	Head in metre	26		25	24	22	21	19	17	14	12	10							
VMB 50/325	3.7	5.0	75	65		27						25	24	23	22	21	20	18	17	16	14	11	
VMB 75/333	5.5	7.5	75	75		38							36	34	32	30	28	26	24	22	20	18	16

Pump Model	kW	HP	SUC mm	DEL mm	Flow																		
					LPS	0	15	17	19	21	23	25	27	29	31	33	34	36	38				
					LPM	0	900	1020	1140	1260	1380	1500	1620	1740	1860	1980	2040	2160	2280				
VMB100/430	7.5	10.0	100	75	Head in metre	28	26	24	23	22	21.5	21	20	19	18	15	14						
VMB150/430	11.0	15.0	100	75		34	32	31.5	31	30	29	28	27	26	24	22	21	20	18				

### Special features on request

Voltage 110 V / 415 V  
 Frequency 60Hz

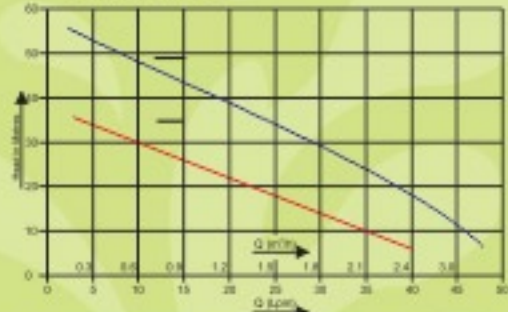


### Technical Data

Flow Q : max 50 l/min  
 Head H : max 55 mtr  
 Liquid temp : up to 60°C  
 Suction lift : up to 7 mtr  
 Power supply : 240 V / 50Hz

### Features and benefits

Cast Iron Casing and bracket with brass inserts  
 Brass Impellers  
 Stainless Steel shaft  
 Ceramic and graphite Mechanical Seal  
 Thermal cutout relay  
 Insulation class F  
 Protection IP 44



## Peripheral Non-Self Priming Pump

Model	Power		Pipe Size		m <sup>3</sup> / h	Flow												
	kW	HP	Suction	Delivery		l/min	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	3.0		
VP 50	0.37	0.50	1"	1"	Head mtr	0	5	10	15	20	25	30	35	40	50			
VP 100	0.75	1.00	1"	1"	Head mtr	34	32	31	30	23	18	14	8	4				
						55	51	46	41	36	31	26	21	16	7			

## Application :

Apartments  
Bungalows  
Hatcheries  
Drip Irrigations  
Domestic water supply  
Hotels & Resturants  
Agriculture use.

## Salient Features

Submersible pumps are easy to install - specially designed high quality carbon thrust bearing and LTB 4 grade bushes used for longer life - single phase 240V, 50Hz water cooled wet type CAT'B' CSCR type motors. Motors are designed to withstand under large voltage fluctuations. Easily rewindable, vibrations free performance and all rotating parts are dynamically balanced and noiseless operation.

## RADIAL FLOW SUBMERSIBLE PUMPS FOR 4 ½ BORE (115MM)

Model	H.P	STAG	DEL	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	
VSS 1010	1	10	32		4600	4000	3600	2600	2100											
VSS 1012	1	12	32		2900	2800	2600	2400	2200	2000										
VSS 1518	1.5	18	32							4300	4000	3600	3200	2700	1850					
VSS 1521	1.5	21	32							3000	2850	2700	2750	2350	2050					
VSS 1524	1.5	24	32								3050	2900	2800	2650	2500	2400	2200	1950		
VSS 2020	2	20	32								3850	3650	3300	2750	2100					
				90	95	100	110	120	125	130	135	140	145	150	155	160	165	170	175	
VSS 2030	2	30	32	2650	2600	2550	2200	2000	1750	1650	1550									
VSS 2036	2	36	32					1550	1450	1350	1250	1150	1050	960						



*Save Industry*



## Specifications :

Power	: 0.37 kW - 0.75kw (0.5 HP- 1.0 HP)
Frequency	: 50 Hz
Speed	: 1440 rpm
Versions	: Single phase, 180-240 V, 50Hz, AC
Type	: Capacitor Start Capacitor Run type
Maximum total head	: 40 mts
Maximum flow rate	: 7 to 60 lpm
Class of insulation	: B
Direction of Rotation	: Clockwise from driving end
Type of duty	: S1 (Continuous)
Pipe size (mm)	: (25x25)

(Suction x Delivery)

## Material of Construction

Component	Material
Motor Frame	: Cast iron
Pump Casing	: Cast Iron
Bearing	: Double sealed precision ball bearings
Impeller	: Bronze
Seal	: Mechanical seal with high alumina seal face
Shaft	: EN 8
Winding Wire	: Enameled copper

Model	kW	HP	Pipe Size	Discharge lpm	Total Head (mts)					
					6	12	18	24	30	36
DMS-II	0.37	0.5	25X25	40	34	25	18	10	7	
DMS-III	0.75	1.0	25X25	60	52	45	36	27	17	