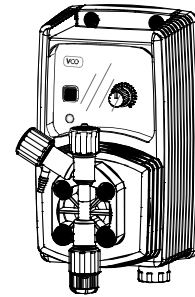


"V" series Metering Pumps

Data Sheet

Configuration Code



Power supply: 230 VAC (190÷265 VAC)
 Power supply: 115 VAC (90÷135 VAC)
 Power supply: 24 VAC (20÷32 VAC)
 Power supply: 12 VDC (10÷16 VDC)

MODEL		
CODE	MODEL	FUNCTION
CO	"VCO"	Constant pump with stroke speed (frequency) adjustment and a divider mode to reduce by 10 times the pump capacity.
CL	"VCL"	Constant pump with level control, stroke speed (frequency) adjustment and a divider mode to reduce by 10 times the pump capacity.

CAPACITIES				
V Models			Hoses	Pump head
2001	1 l/h at 20 bar	0.26 GPH at 290 PSI	4 x 8	J
1802	2 l/h at 18 bar	0.52 GPH at 261 PSI	4 x 8	K
1804	4 l/h at 18 bar	1.05 GPH at 261 PSI	4 x 8	K
1502	2 l/h at 15 bar	0.52 GPH at 217 PSI	4 x 6	K
1504	4 l/h at 15 bar	1.05 GPH at 217 PSI	4 x 6	K
1505	5 l/h at 15 bar	1.32 GPH at 217 PSI	4 x 6	K
1004	4 l/h at 10 bar	1.05 GPH at 145 PSI	4 x 6	K
1005	5 l/h at 10 bar	1.32 GPH at 145 PSI	4 x 6	K
1010	10 l/h at 10 bar	2.64 GPH at 145 PSI	4 x 6	K
0706	6 l/h at 7 bar	1.58 GPH at 101 PSI	4 x 6	K
0510	10 l/h at 5 bar	2.64 GPH at 72 PSI	4 x 6	K
0512	12 l/h at 5 bar	3.17 GPH at 72 PSI	4 x 6	K
0501	1 l/h at 5 bar	0.26 GPH at 72 PSI	4 x 6	J
0408	8 l/h at 4 bar	2.11 GPH at 58 PSI	4 x 6	K
0310	10 l/h at 3 bar	2.64 GPH at 43 PSI	4 x 6	K
0217	17 l/h at 2 bar	4.49 GPH at 29 PSI	6 x 8	K
0116	16 l/h at 1 bar	4.22 GPH at 14 PSI	6 x 8	K

Model **V** **CO** **2001** **4** **00** **00**

POWER SUPPLY	
00	230 VAC Schuko plug
05	230 VAC Australian plug
01	230 VAC without plug
03	115 VAC US plug
04	24 VAC without plug
05	12 VDC *
07	24 VDC

* On some models only.

LIQUID ENDS								
	HEAD	ORINGS	VALVES		DIAPHRAGM	HOSES		VISCOSITY Max CPS
			Body	Balls		Delivery	Suction	
1	PVDF	Viton®	PVDF	Ceramic	PTFE	PE	PVC	100
3	PVDF	EPDM	PVDF	Ceramic	PTFE	PE	PVC	100
4*	PVDF	Viton®	PVDF	Ceramic	PTFE	PE	PVC	100
5*	PVDF	EPDM	PVDF	Ceramic	PTFE	PE	PVC	100

Viton® is a registered trademark DuPont Dow Elastomers.
 * Use for capacities up to 1 l/h.



ISO 9001:2008
 ISO 14001:2004
 OHSAS 18001:2007



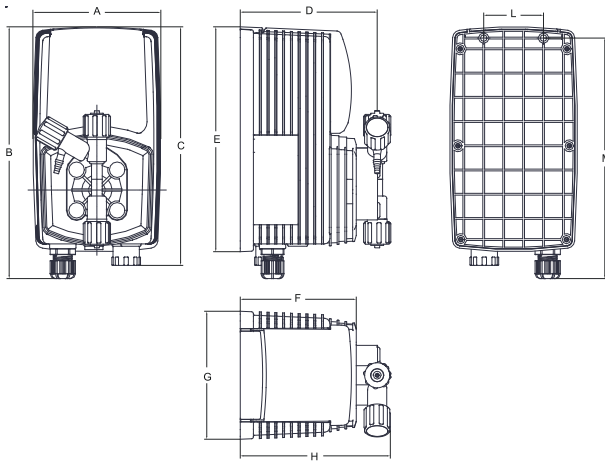
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Specifications subject to change without notice.
 ENG R1-05-10

"V" series Metering Pumps

Data Sheet

INFORMATION				
Models	Strokes speed		Power consumption at max flow (230 VAC)	Weight
	min	max		
2001	18	180	16 Watt	2,2 KG (4.85 LBS)
1802	18	180	16 Watt	
1804	18	180	22 Watt	
1502	18	180	16 Watt	
1504	18	180	16 Watt	
1505	18	180	22 Watt	
1004	18	180	16 Watt	
1005	18	180	16 Watt	
1010	18	180	22 Watt	
0706	18	180	16 Watt	
0510	18	180	16 Watt	
0512	18	180	22 Watt	
0501	18	180	16 Watt	
0408	18	180	16 Watt	
0310	18	180	16 Watt	
0217	18	180	16 Watt	
0116	18	180	16 Watt	



DIMENSIONS		
	mm	inches
A	106.96	4.21
B	210.44	8.28
C	199.44	7.85
D	114.50	4.50
E	187.96	7.40
F	97.00	3.81
G	106.96	4.21
H	125.47	4.93
L	50.00	1.96
M	201.00	7.91

IP65 enclosure (NEMA4x)

"V" series metering pumps are manufactured in molded glass filled and Polypropylene housing to ensure protection against aggressive chemicals and tough environment .

ENVIRONMENT:

-10°C - +45°C (14°F - 113°F)

MORE INFORMATION ABOUT V MODELS							
Model	FLOW				cc per STROKE	Maximum pressure	
	min cc/h	max l/h	Min GPH	Max GPH		bar	PSI
2001	30	1	0,008	0.26	0,1	20	290
1802	60	2	0,02	0.52	0,19	18	261
1804	110	4	0,03	1.05	0,37	18	261
1502	60	2	0,02	0.52	0,19	15	217
1504	110	4	0,03	1.05	0,37	15	217
1505	140	5	0,04	1.32	0,46	15	217
1004	110	4	0,03	1.05	0,37	10	145
1005	140	5	0,04	1.32	0,46	10	145
1010	280	10	0,07	2.64	0,93	10	145
0706	170	6	0,04	1.58	0,56	7	101
0510	280	10	0,07	2.64	0,93	5	72
0512	330	12	0,09	3.17	1,11	5	72
0501	30	1	0,008	0.26	0,1	5	72
0408	220	8	0,06	2.11	0,74	4	58
0310	280	10	0,07	2.64	0,93	3	43
0217	470	17	0,12	4.49	1,57	2	29
0116	440	16	0,11	4.22	1,48	1	14

EMEC

ISO 9001:2008
ISO 14001:2004
OHSAS 18001:2007



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