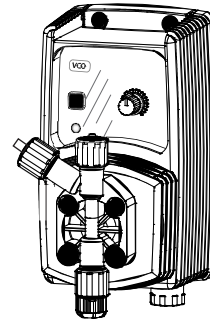


"VA" Self Venting series Metering Pumps Data Sheet

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
AO	"VA CO"	Constant pump with stroke speed (frequency) adjustment and a divider mode to reduce by 10 times the pump capacity.
AL	"VA CL"	Constant pump with level control, stroke speed (frequency) adjustment and a divider mode to reduce by 10 times the pump capacity.

CAPACITIES				
	VA Models		Hoses	Pump head
200,5	0,5 l/h at 20 bar	0.13 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
1503	3 l/h at 15 bar	0.79 GPH at 217 PSI	4 x 6	K
1501	1 l/h at 10 bar	0.26 GPH at 217 PSI	4 x 6	K
103,4	3,4 l/h at 10 bar	0.89 GPH at 145 PSI	4 x 6	K
1007	7 l/h at 10 bar	1.84 GPH at 145 PSI	4 x 6	K
1002	2 l/h at 10 bar	0.52 GPH at 145 PSI	4 x 6	K
0704	4 l/h at 7 bar	1.05 GPH at 101 PSI	4 x 6	K
057,5	7,5 l/h at 5 bar	1.98 GPH at 72 PSI	4 x 6	K
0509	9 l/h at 5 bar	2,37 GPH at 72 PSI	4 x 6	K
045,5	5,5 l/h at 4 bar	1.45 GPH at 58 PSI	4 x 6	K
0307	7 l/h at 3 bar	1.84 GPH at 43 PSI	4 x 6	K
0213	13 l/h at 2 bar	3.43 GPH at 29 PSI	6 x 8	K
0113,5	13,5 l/h at 1 bar	3.56 GPH at 14 PSI	6 x 8	K

Model V **AO** **1802** **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
			Body	Balls		Delivery	Suction	Max CPS
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

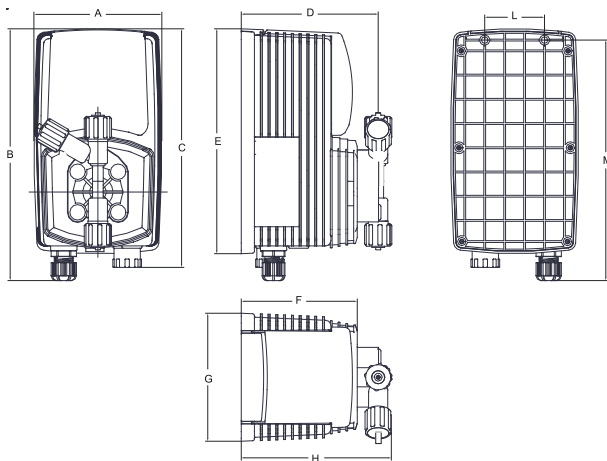


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 ENG R1-05-10

"VA" Self Venting series Metering Pumps Data Sheet

INFORMATION				
Models	Strokes speed		Power consumption at max flow (230 VAC)	Weight
	min	max		
200,5	18	180	16 Watt	2,2 KG (4.85 LBS)
1802	18	180	16 Watt	
1503	18	180	16 Watt	
1501	18	180	16 Watt	
103,4	18	180	16 Watt	
1007	18	180	22 Watt	
1002	18	180	16 Watt	
0704	18	180	16 Watt	
057,5	18	180	16 Watt	
0509	18	180	22 Watt	
045,5	18	180	16 Watt	
0307	18	180	16 Watt	
0213	18	180	16 Watt	
0113,5	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

IP65 enclosure (NEMA4x)

"VA" 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 VA MODELS							
Model	FLOW				cc per STROKE	Maximum pressure	
	min cc/h	max l/h	Min GPH	Max GPH		bar	PSI
200,5	15	0,5	0,004	0,13	0,05	20	290
1802	60	2	0,016	0,52	0,19	18	261
1503	90	3	0,024	0,79	0,28	18	217
1501	30	1	0,008	0,26	0,1	15	217
103,4	102	3,4	0,027	0,89	0,32	10	145
1007	210	7	0,055	1,84	0,65	10	145
1002	60	2	0,016	0,52	0,19	10	145
0704	120	4	0,032	1,05	0,37	7	101
057,5	225	7,5	0,059	1,98	0,7	5	72
0509	270	9	0,071	2,37	0,84	5	72
045,5	165	5,5	0,044	1,45	0,51	4	58
0307	210	7	0,055	1,84	0,65	3	43
0213	390	13	0,103	3,43	1,2	2	29
0113,5	405	13,5	0,107	3,56	1,25	1	14

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



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