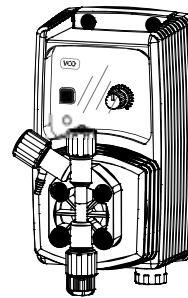


Configuration

Wall mounted metering pump with microprocessor technology, analog controls, stroke frequency adjustment.



| MODELS | |
|--------|--|
| CO | "VCO" Constant pump with stroke speed adjustment. |
| CL | "VCL" Constant pump with level control, stroke speed (frequency) adjustment. |

| CAPACITIES | | | HOSE |
|------------|-----------------------|--------------------------|------|
| 2001 | 1 l/h against 20 bar | 0.26 GPH against 290 PSI | 4x8 |
| 1802 | 2 l/h against 18 bar | 0.52 GPH against 261 PSI | 4x8 |
| 1804 | 4 l/h against 18 bar | 1.05 GPH against 261 PSI | 4x8 |
| 1502 | 2 l/h against 15 bar | 0.52 GPH against 217 PSI | 4x6 |
| 1504 | 4 l/h against 15 bar | 1.05 GPH against 217 PSI | 4x6 |
| 1505 | 5 l/h against 15 bar | 1.32 GPH against 217 PSI | 4x6 |
| 1004 | 4 l/h against 10 bar | 1.05 GPH against 145 PSI | 4x6 |
| 1005 | 5 l/h against 10 bar | 1.32 GPH against 145 PSI | 4x6 |
| 1010 | 10 l/h against 10 bar | 2.64 GPH against 145 PSI | 4x6 |
| 0706 | 6 l/h against 7 bar | 1.58 GPH against 101 PSI | 4x6 |
| 0510 | 10 l/h against 5 bar | 2.64 GPH against 72 PSI | 4x6 |
| 0512 | 12 l/h against 5 bar | 3.17 GPH against 72 PSI | 4x6 |
| 0408 | 8 l/h against 4 bar | 2.11 GPH against 58 PSI | 4x6 |
| 0310 | 10 l/h against 3 bar | 2.64 GPH against 43 PSI | 4x6 |
| 0217 | 17 l/h against 2 bar | 4.49 GPH against 29 PSI | 4x6 |
| 0116 | 16 l/h against 1 bar | 4.22 GPH against 14 PSI | 4x6 |

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

| POWER SUPPLY | |
|--------------|-------------------------|
| 00 | 230 VAC Schuko plug |
| 0S | 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 |

* Not available on some models.

| LIQUID ENDS | | | | | | | | |
|-------------|------|--------|-------|---------|-----------|----------|---------|----------------------|
| | Head | Orings | Valve | | Diaphragm | Hose | | Viscosity Max CPS |
| | | | Body | Balls | | Delivery | Suction | |
| 1 | PVDF | Viton® | PVDF | Ceramic | PTFE | PVDF | PVDF | 100 |
| 2 | PVDF | EPDM | PVDF | Ceramic | PTFE | PVDF | PVDF | 100 |
| 4 * | PVDF | Viton® | PVDF | Ceramic | PTFE | PVDF | PVDF | 100 |
| 5 * | PVDF | EPDM | PVDF | Ceramic | PTFE | PVDF | PVDF | 100 |

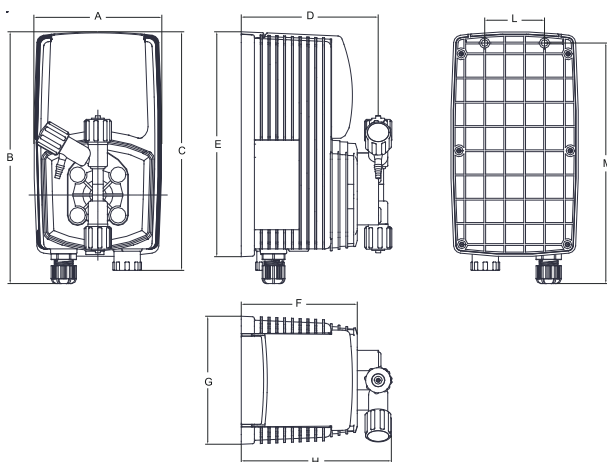
Viton® is a registered trademark of DuPont Dow Elastomers.
 * Using this model for flows up to 1 l/h.



"V" series Metering Pumps

Data Sheet

| INFORMATION | | | | |
|-------------|-----------------------|-----------------------|-------------------------------|-------------------|
| | Stroke Speed | | Power consumption at (230VAC) | Weight |
| | Min stroke per minute | Max stroke per minute | | |
| 2001 | 1 | 180 | 16 Watt | 2.2 Kg (4.85 Lbs) |
| 1802 | 1 | 180 | 16 Watt | |
| 1804 | 1 | 180 | 22 Watt | |
| 1502 | 1 | 180 | 16 Watt | |
| 1504 | 1 | 180 | 16 Watt | |
| 1505 | 1 | 180 | 22 Watt | |
| 1004 | 1 | 180 | 16 Watt | |
| 1005 | 1 | 180 | 16 Watt | |
| 1010 | 1 | 180 | 22 Watt | |
| 0706 | 1 | 180 | 16 Watt | |
| 0510 | 1 | 180 | 16 Watt | |
| 0512 | 1 | 180 | 22 Watt | |
| 0408 | 1 | 180 | 16 Watt | |
| 0310 | 1 | 180 | 16 Watt | |
| 0217 | 1 | 180 | 16 Watt | |
| 0116 | 1 | 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 | | | | | | | |
|------------------|----------|---------|---------|---------|---------------|----------------------------|---------|
| | Flow | | | | cc per Stroke | Maximum Injection Pressure | |
| | Min cc/h | Max l/h | Min GPH | Max GPH | | | |
| 2001 | 5.5 | 1 | 0.001 | 0.26 | 0.1 | 20 bar | 290 PSI |
| 1802 | 11.1 | 2 | 0.002 | 0.52 | 0.19 | 18 bar | 261 PSI |
| 1804 | 22.2 | 4 | 0.005 | 1.05 | 0.37 | 18 bar | 261 PSI |
| 1502 | 11.1 | 2 | 0.002 | 0.52 | 0.19 | 15 bar | 218 PSI |
| 1504 | 22.2 | 4 | 0.005 | 1.05 | 0.37 | 15 bar | 218 PSI |
| 1505 | 27.7 | 5 | 0.007 | 1.32 | 0.46 | 15 bar | 218 PSI |
| 1004 | 22.2 | 4 | 0.005 | 1.05 | 0.37 | 10 bar | 145 PSI |
| 1005 | 27.7 | 5 | 0.007 | 1.32 | 0.46 | 10 bar | 145 PSI |
| 1010 | 55.5 | 10 | 0.014 | 2.64 | 0.93 | 10 bar | 145 PSI |
| 0706 | 33.3 | 6 | 0.008 | 1.58 | 0.56 | 7 bar | 102 PSI |
| 0510 | 55.5 | 10 | 0.014 | 2.64 | 0.93 | 5 bar | 72 PSI |
| 0512 | 66.6 | 12 | 0.017 | 3.17 | 1.11 | 5 bar | 72 PSI |
| 0408 | 44.4 | 8 | 0.011 | 2.11 | 0.74 | 4 bar | 58 PSI |
| 0310 | 55.5 | 10 | 0.014 | 2.64 | 0.93 | 3 bar | 43 PSI |
| 0217 | 94.4 | 17 | 0.024 | 4.49 | 1.57 | 2 bar | 29 PSI |
| 0116 | 88.8 | 16 | 0.023 | 4.22 | 1.48 | 1 bar | 14 PSI |



ISO 9001:2000
ISO 14001:2004

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Specifications subject to change without notice.
ENG R2-11-06