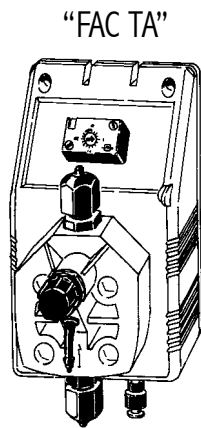


# "FAC TA" - "HAC TA" - "GAC TA" series Metering Pumps

Data Sheet

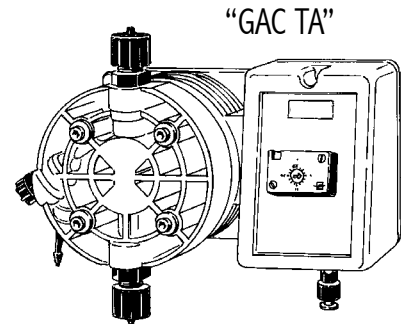
## Configuration



"FAC TA"



"HAC TA"



"GAC TA"

| MODELS |          | Total compressed air driven metering pumps with pneumatic stroke frequency adjustment |
|--------|----------|---------------------------------------------------------------------------------------|
| FEX    | "FAC TA" |                                                                                       |
| HAX    | "HAC TA" |                                                                                       |
| GAX    | "GAC TA" |                                                                                       |

| CAPACITIES FAC TA |                       |                           | HOSE    |
|-------------------|-----------------------|---------------------------|---------|
| 1005              | 5 l/h against 10 bar  | 1.32 GPH against 145 PSI  | 4x6     |
| 2001              | 1 l/h against 20 bar  | 0.26 GPH against 290 PSI  | 4x8     |
| CAPACITIES HAC TA |                       |                           | HOSE    |
| 1014              | 14 l/h against 10 bar | 3.69 GPH against 145 PSI  | 6x8*    |
| CAPACITIES GAC TA |                       |                           | HOSE    |
| 1050              | 50 l/h against 10 bar | 13.20 GPH against 145 PSI | 8x12    |
| 05140             | 140 l/h against 5 bar | 36.98 GPH against 72 PSI  | 12x15** |
| 00180             | 180 l/h against 0 bar | 47.55 GPH against 0 PSI   | 12x15** |

\*6x8 hose is made of Polyethylene  
\*\*12x15 hose is made of PVC

Model **FEX** **1005** **V** **00** **00**

| LIQUID ENDS     |               |                   |               |         |            |              |         |                      |
|-----------------|---------------|-------------------|---------------|---------|------------|--------------|---------|----------------------|
|                 | Head          | Orings            | Valve         |         | Diaphragms | Hose         |         | Viscosity<br>Max CPS |
|                 |               |                   | Body          | Balls   |            | Delivery     | Suction |                      |
| V               | Polypropylene | Viton®            | Polypropylene | Ceramic | PTFE       | Polyethylene | PVC     | 100                  |
| D               | Polypropylene | Etylene Propylene | Polypropylene | Ceramic | PTFE       | Polyethylene | PVC     | 100                  |
| W               | Polypropylene | Nytrile           | Polypropylene | Ceramic | PTFE       | Polyethylene | PVC     | 100                  |
| T               | Polypropylene | Viton®+PTFE       | Polypropylene | Ceramic | PTFE       | Polyethylene | PVC     | 100                  |
| S               | Polypropylene | Silicone          | Polypropylene | Ceramic | PTFE       | Polyethylene | PVC     | 100                  |
| A               | Acrylic       | Viton®            | Polypropylene | Ceramic | PTFE       | Polyethylene | PVC     | 100                  |
| K               | PVDF          | Viton®            | PVDF          | Ceramic | PTFE       | PVDF         | PVDF    | 100                  |
| P               | PVDF          | EPDM              | PVDF          | Ceramic | PTFE       | PVDF         | PVDF    | 100                  |
| Z <sup>1</sup>  | SS            | Viton®            | SS            | SS      | PTFE       | /            | /       | 100                  |
| \$ <sup>1</sup> | Acrylic       | Viton®            | Polipropilene | SS      | PTFE       | Polyethylene | PVC     | 8000*                |

Viton® is a registered trademark of DuPont Dow Elastomers.  
\* Using high viscosity pump head "\$" pump output may results lower in some application.  
<sup>1</sup> Not available on models "FAC EX" and "GAC EX".

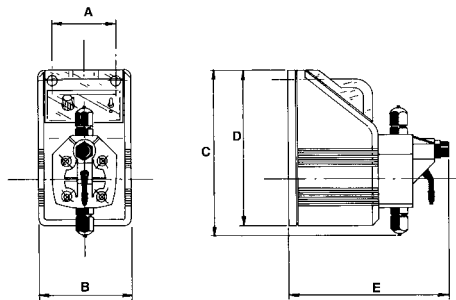


# “FAC TA” - “HAC TA” - “GAC TA” series Metering Pumps

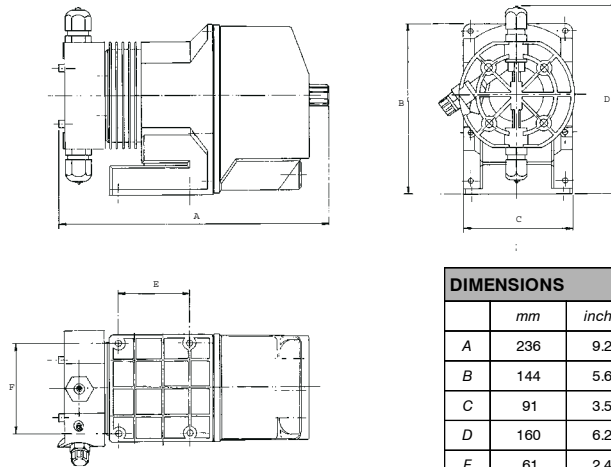
Data Sheet

ENVIRONMENT:  
-10°C - +50°C (14°F - 122°F)

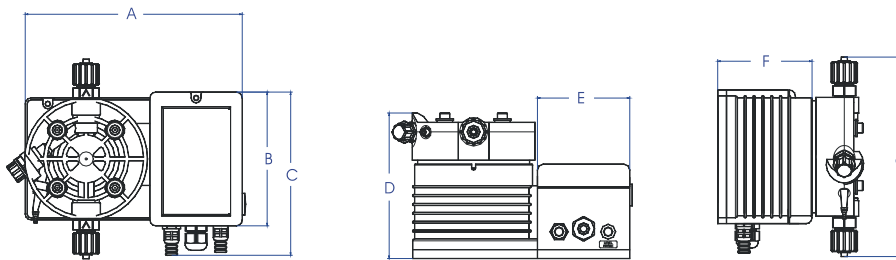
| INFORMATION   |                   |     |                                 |                   |                       |                |
|---------------|-------------------|-----|---------------------------------|-------------------|-----------------------|----------------|
|               | Stroke per minute |     | Stroke length range reliability | Weight            | Air consumption l/min | Air supply bar |
|               | Min               | Max |                                 |                   |                       |                |
| <b>FAC TA</b> |                   |     |                                 |                   |                       |                |
| 1005          | 7                 | 150 | N/A                             | 2.5 Kg (5.51 Lbs) | 5                     | 7              |
| 2001          | 7                 | 150 |                                 |                   |                       |                |
| <b>HAC TA</b> |                   |     |                                 |                   |                       |                |
| 1014          | 7                 | 150 | from 30% to 100%                | 4 Kg (8.81 Lbs)   | 6                     | 7              |
| <b>GAC TA</b> |                   |     |                                 |                   |                       |                |
| 1050          | 7                 | 120 | N/A                             | 5 Kg (11.02 Lbs)  | 20                    | 7              |
| 05140         | 7                 | 120 |                                 |                   | 28                    | 7              |
| 00180         | 7                 | 120 |                                 |                   | 28                    | 7              |



| DIMENSIONS |       |        |
|------------|-------|--------|
|            | mm    | inches |
| A          | 63    | 2.48   |
| B          | 91.5  | 3.60   |
| C          | 168   | 6.61   |
| D          | 153.5 | 6.04   |
| E          | 160   | 6.29   |



| DIMENSIONS |     |        |
|------------|-----|--------|
|            | mm  | inches |
| A          | 236 | 9.29   |
| B          | 144 | 5.66   |
| C          | 91  | 3.58   |
| D          | 160 | 6.29   |
| E          | 61  | 2.40   |
| F          | 77  | 3.03   |



| DIMENSIONS |     |        |
|------------|-----|--------|
|            | mm  | inches |
| A          | 221 | 8.70   |
| B          | 136 | 5.35   |
| C          | 166 | 6.53   |
| D          | 148 | 5.82   |
| E          | 94  | 3.70   |
| F          | 96  | 3.77   |
| G          | 203 | 7.99   |

| MORE INFORMATION |          |         |         |         |               |      |                            |         |
|------------------|----------|---------|---------|---------|---------------|------|----------------------------|---------|
|                  | Flow     |         |         |         | cc per Stroke |      | Maximum Injection Pressure |         |
|                  | Min cc/h | Max l/h | Min GPH | Max GPH | Min           | Max  |                            |         |
| <b>FAC TA</b>    |          |         |         |         |               |      |                            |         |
| 1005             | 190      | 5       | 0.050   | 1.32    | N/A           | 0.7  | 10 bar                     | 145 PSI |
| 2001             | 38       | 1       | 0.009   | 0.26    | N/A           | 0.14 | 20 bar                     | 290 PSI |
| <b>HAC TA</b>    |          |         |         |         |               |      |                            |         |
| 1014             | 163      | 14      | 0.140   | 3.69    | 0.465         | 1.55 | 10 bar                     | 145 PSI |
| <b>GAC TA</b>    |          |         |         |         |               |      |                            |         |
| 1050             | 1900     | 50      | 0.501   | 13.20   | N/A           | 7    | 10 bar                     | 145 PSI |
| 05140            | 5320     | 140     | 1.405   | 36.98   | N/A           | 19.5 | 5 bar                      | 72 PSI  |
| 00180            | 6840     | 180     | 1.807   | 47.55   | N/A           | 25   | 0 bar                      | 0 PSI   |



ISO 9001:2000  
ISO 14001:2004

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