

**HELIX**  
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DOSING PUMPS

# MULTIFERTIC

DOSING PUMP

**Diaphragm and Piston  
Dosing Pump**



# MULTIFERTIC

## PISTON DOSING PUMP

Modular piston dosing pumps, with independent injection by means of positive return system exclusive to ITC. In the same injector can be connected up to four injection modules to inject several products or to increase the injection flow.



# MULTIFERTIC

## DIAPHRAGM DOSING PUMP

Modular diaphragm dosing pumps, with independent injection by means of positive return system exclusive to ITC. In the same injector can be connected up to four injection modules to inject several products or to increase the injection flow.



## Modular Dosing Pumps

MULTIFERTIC dosing pumps are heavy duty, high precision electric piston or diaphragm pumps for dosing liquid products. They are made up of one driving module and 1 to 4 injection modules. The available heads are from 25-500 l/h for the piston series and from 18-300 l/h for the diaphragm series, independently regulated by means of a system of POSITIVE RETURN, exclusive to ITC



TECHNICAL FEATURES

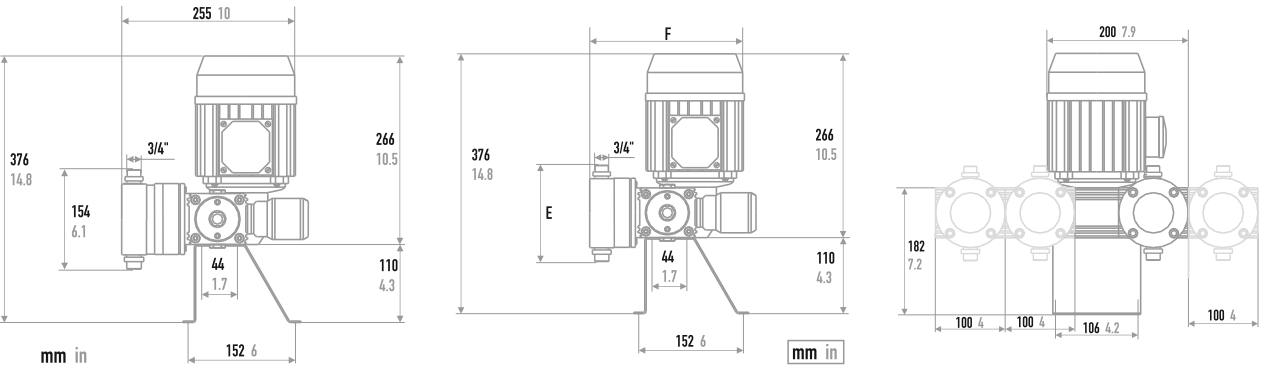
| MODEL      | FLOW         |              | PRESSURE |
|------------|--------------|--------------|----------|
| DIAPHRAGM  | 50 Hz<br>L/H | 60 Hz<br>L/H | KPA      |
| 60MF1-025D | 19-24        | 22-30        | 1000     |
| 60MF-050D  | 37-48        | 44-60        | 1000     |
| 60MF-100D  | 86-104       | 103-120      | 1000     |
| 60MF-200D  | 160-200      | 198-240      | 600      |
| 60MF-300D  | 247-310      | 294-360      | 400      |

| MODEL     | FLOW         |              | PRESSURE |
|-----------|--------------|--------------|----------|
| PISTON    | 50 Hz<br>L/H | 60 Hz<br>L/H | KPA      |
| 60MF1-025 | 25           | 30           | 1500     |
| 60MF-050  | 50           | 60           | 1500     |
| 60MF-100  | 100          | 120          | 1500     |
| 60MF-200  | 200          | 240          | 800      |
| 60MF-300  | 300          | 360          | 300      |

ELECTRIC CURRENT

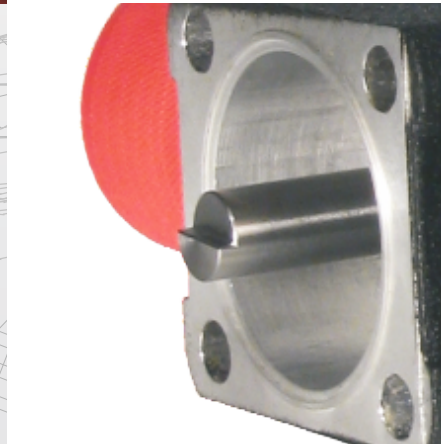
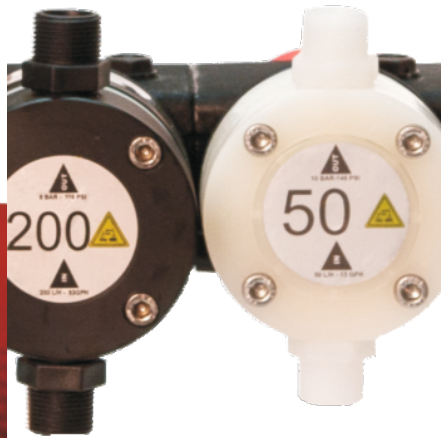
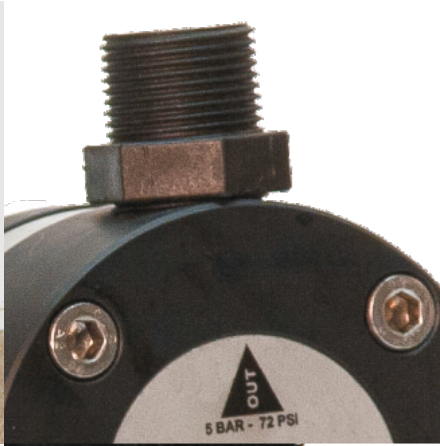
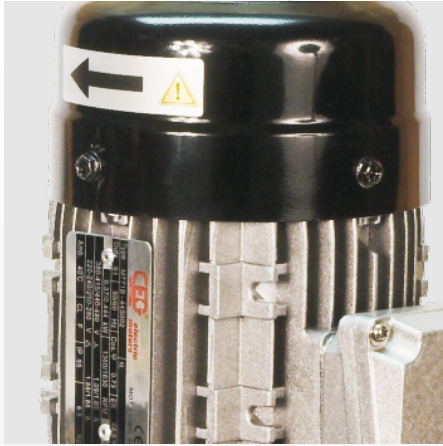
|              |           |      |           |                      |
|--------------|-----------|------|-----------|----------------------|
| Single Phase | 115/230 V | 60Hz | Piston    | PEHMW / CERAMIC      |
| Three-Phase  | 230/460 V | 60Hz | Diaphragm | PTFE                 |
|              |           |      | Cylinder  | PP / PVDF / AISI 316 |
|              |           |      | Seals     | FPM                  |

SIZE



| MODULE | WEIGHT          |
|--------|-----------------|
| 1      | 12 Kg (26,5 lb) |
| 2      | 14,5 Kg (32 lb) |
| 3      | 17 Kg (37,6 lb) |
| 4      | 19,5 Kg (43 lb) |

| I/h    | E       | F       |
|--------|---------|---------|
| 50-100 | 154 6.1 | 213 8.4 |
| 200    | 184 7.2 | 218 8.6 |
| 300    | 204 8   | 218 8.6 |



# Diaphragm and Piston Dosing Pump

- ✓ Independent Flow Adjustment from 0% to 100%
- ✓ Combination PP, PVDF and AISI 316 heads
- ✓ Piston and Diaphragm modules in the same pump



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## AVAILABLE FROM

|         |                 |
|---------|-----------------|
| VIC/TAS | P: 0427 033 967 |
| WA/NT   | P: 0409 115 895 |
| NSW/ACT | P: 0414 675 663 |
| QLD     | P: 0417 733 508 |
| SA      | P: 0427 033 967 |

