

# Chemical Feed Pumps & Systems

## Solenoid Driven Metering Pumps



| Maximum Capacity and Pressures         |       |       |                  |       |                  |      |
|--|-------|-------|------------------|-------|------------------|------|
| Pump Series                            |       |       |                  |       |                  |      |
|  | Drive | Type  | GPH              | psig  | l/h              | bar  |
| Concept PLUS                           | S     | D     | 3.93             | 232   | 14.9             | 16   |
| Dulco flex Control - DFXa              | M     | H     | 7.92             | 101.5 | 30               | 7    |
| beta/b                                 | S     | D     | 8.45             | 363   | 32               | 25   |
| gamma/ X                               | S     | D     | 11.9             | 363   | 19.7             | 25   |
| EXtronic <sup>1</sup>                  | S     | D     | 15.85            | 363   | 60               | 25   |
| gamma/ XL                              | S     | D     | 21.1             | 363   | 80               | 25   |
| Sigma X: Sigma 1                       | M     | D     | 38               | 174   | 144              | 12   |
| ProMus*                                | M     | A     | 101.5            | 3500  | 384              | 241  |
| Dulco flex Control - DFYa <sup>1</sup> | M     | H     | 108.3            | 116   | 410              | 8    |
| Sigma X: Sigma 2                       | M     | D/P   | 111              | 232   | 420              | 16   |
| Sigma X: Sigma 3                       | M     | D     | 264              | 174   | 1000             | 12   |
| DulcoFlex DFB                          | H     | H     | 385              | 116   | 1457             | 8    |
| DulcoFlex DFC <sup>1</sup>             | H     | H     | 130 <sup>2</sup> | 116   | 492 <sup>2</sup> | 8    |
| DulcoFlex DFD <sup>1</sup>             | H     | H     | 225 <sup>2</sup> | 232   | 852 <sup>2</sup> | 16   |
| Makro TZb <sup>1</sup>                 | M     | D/P/A | 529              | 174   | 2002             | 12   |
| Makro/ 5* <sup>1</sup>                 | M     | P     | 1593             | 4640  | 6014             | 320  |
| Orlita Mf*                             | M     | A     | 3322             | 10150 | 12575            | 700  |
| Orlita Mh* <sup>1</sup>                | M     | A     | 205              | 43500 | 777              | 3000 |
| Orlita PS* <sup>1</sup>                | M     | P     | 11904            | 5800  | 38076            | 400  |
| Orlita DR <sup>1</sup>                 | M     | R     | 1358             | 5800  | 5142             | 400  |

Notes

\* = built in accordance to API 675  
<sup>1</sup> = not pictured  
<sup>2</sup> = measured in gpm / l/m

Drives  
 S = Solenoid  
 M = Motor

Diaphragm Type  
 D = Mechanical  
 P = Packed plunger  
 H = Hose  
 A = Hydraulic Actuated  
 R = Rotary piston



Pre-engineered System



PVT valves    Self-degassing    Safety diaphragm

## Motor Driven Metering Pumps



# Instrumentation & Specialty Equipment

## Measurement and Control Instrumentation

### Single & Multi-Channel Controllers



DDC / DULCO net



diaLog DACb



Compact

### Cooling Tower & Boiler Controllers



AEGIS II



SlimFlex 5



multiFLEX

### DULCOTEST Sensors



Amperometric



Potentiometric



ProMix-M (B controls)

## Specialty Products and Engineered Systems



Bello Zon



ProMix-C



Control Panels



PolyRex

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