

FROM THE LEADER IN METERING PUMP TECHNOLOGY



# MILTON ROY

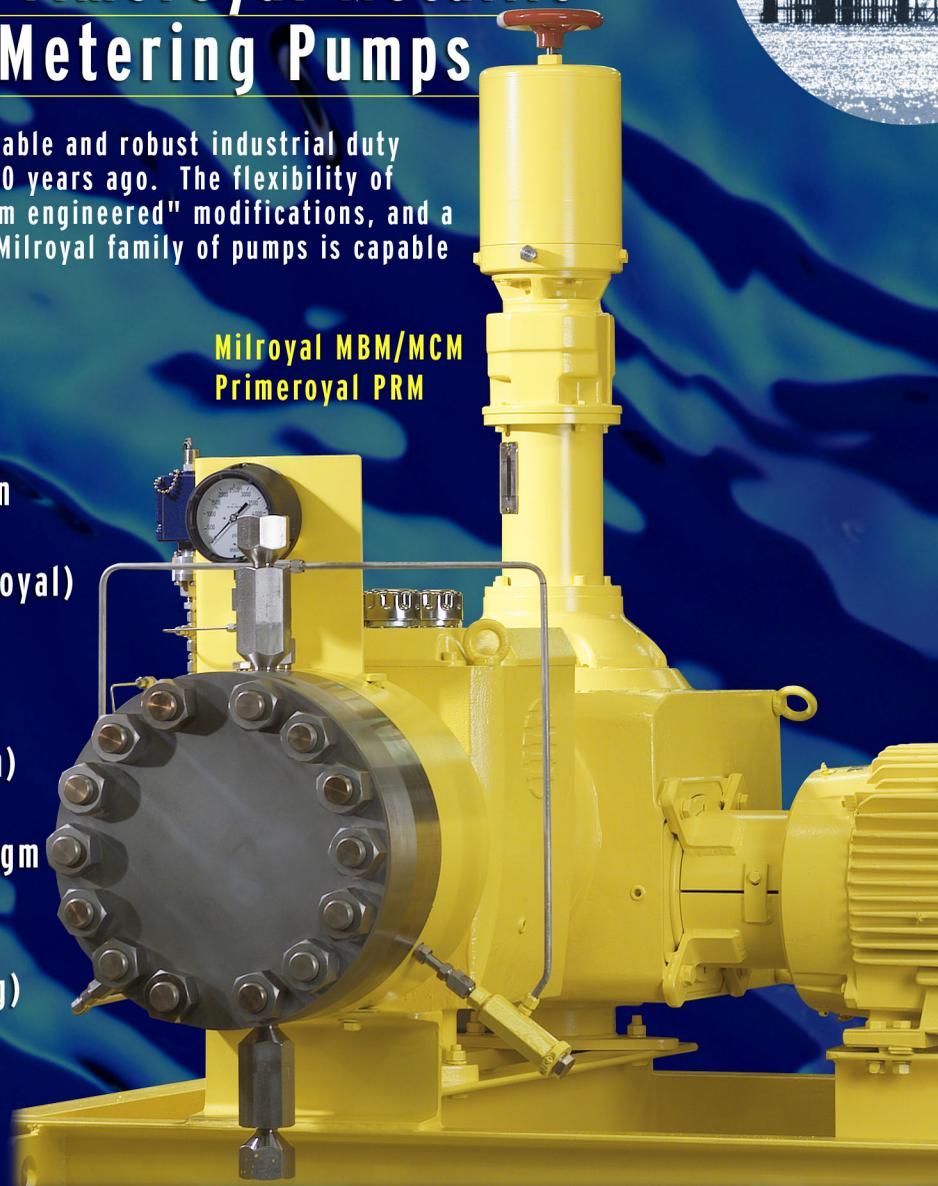
## Milroyal & Primeroyal Metallic Diaphragm Metering Pumps

The Milroyal has been recognized as the most reliable and robust industrial duty metering pump since its introduction more than 40 years ago. The flexibility of various liquid end designs, availability of "custom engineered" modifications, and a wide range of flows and pressure capability, the Milroyal family of pumps is capable of meeting most any application.

### GENERAL SPECIFICATIONS

- +/- 1% Steady State Accuracy over a 10:1 Turndown (w/constant speed drive)
- Continuous Duty / Severe Service Design
- Polar Crank Drive Design (Milroyal)
- Variable Eccentric Drive Design (Primeroyal)
- Rugged Cast Iron Gear Housing
- Modular Design
- Multiplex Capability
- Variable Stroke Length (non-lost motion)
- Integral Pressure Lubrication System
- Hydraulically Actuated Metallic Diaphragm
- Triple Diaphragm Design
- Double Ball Check Valves
- Pressures up to 30,000 psig (2,070 barg)
- Flows up to 120 gph (460 lph)
- Meets API Standard 675

Milroyal MBM/MCM  
Primeroyal PRM



### AVAILABLE FEATURES

- Choice of Liquid End Materials: 316 Stainless Steel, Alloy 20, Alloy C22  
Custom Materials Available
- Choice of Diaphragm Materials: 301, 316 Stainless Steel  
Custom Materials Available
- Rupture & Leak Detection
- Choice of Stroking Speeds
- Choice of Capacity Control: Manual, Electronic & Pneumatic
- Choice of Motor Mounting: NEMA, IEC & Foot Mount

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