



# MILTON ROY

Milroyal B  
Low Flow HPD  
PS 3603  
Effective 7/2005

## MILROYAL B LOW FLOW HIGH PERFORMANCE DIAPHRAGM METERING PUMPS

The Milroyal B has been recognized as the most reliable and robust industrial duty metering pump since its introduction. The flexibility of various liquid end designs, availability of "custom engineered" modifications, and a wide range of flows and pressure capability, the Milroyal B 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  
Rugged Cast Iron Gear Housing  
Modular Design Replaces PP and DD Liquid Ends  
Multiplex Capability  
Variable Stroke Length (non-lost motion)  
Integral Pressure Lubrication System  
Hydraulically Actuated Diaphragm  
Mechanically Actuated Refill Valve (MARS)  
No Process Side Contour Plate  
Process Side Bleeder Valve Fitting  
Double Ball Check Valves  
Pressures up to 3,625 psig (250 bar g)  
Flow Range 2.0 - 14 gph (7.6 - 53 lph)  
Meets API Standard 675

### Available Features:

- Available as a "Revamp" Kit
  - Standard Liquid End Materials:
    - 316 Stainless Steel
    - Alloy 20
    - Alloy C22
  - Choice of Motor Mounting
    - NEMA Flange Mount
    - IEC Flange Mount
    - Foot Mount
  - Choice of Connections
    - NPT
    - ANSI B16 Flanged
- Custom Materials Available*
- Choice of **Stroking** Speeds
  - Choice of Capacity Control
    - Manual
    - Electronic
    - Pneumatic



*Milroyal B Tri-plex with leak detection*

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