Compensators

Heated and Ambient

Pressure compensating valves are designed to operate in conjunction with the displacement pump to eliminate material flow variances caused by piston pump changeover and unbalanced lowers.

Features and Benefits

- Bead Control - Graco pressure compensating valves provide consistent bead control even during stall-out conditions, which helps eliminate the initial surge of material at the point of dispense.
- Viscosity Flexibility - Graco pressure compensating valves are available in two pressure ratio ranges (23:1 and 51:1), satisfying a wide range of medium-to-high viscosity material applications.
- Rugged Reliability - Key wear points are hard chrome coated for maximum useful life. A good choice for abrasive materials.
- Ambient and heated models available.

Typical Applications

- Automated Bead Dispense

Typical Fluids Handled

- Silicone
- Butyl Mastics
- Urethanes
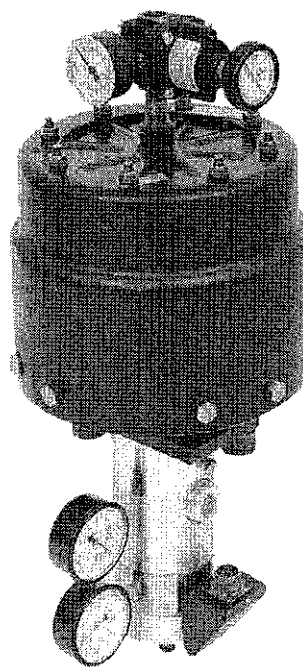
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Compensators
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Technical Specifications

Mounting . . . . 73 in. (1850 mm)

Fluid inlet . . . . 1 npt(f)

Maximum fluid inlet pressure . . . . 5000 psi
(340 bar; 34.0 MPa)

Maximum recommended pressure drop . . . . .300 psi
(21 bar; 2.1 MPa)

Fluid outlet . . . . 1 npt(f)

Air inlets . . . . 1/4 npt(f)

Maximum air inlet pressure . . . . 100 psi (7 bar; 0.7 MPa)

Fluid Repair Kit 233082

Instruction Manual 309133

Ordering Information

All models include mounting brackets and regulators
Ambient Pressure Compensating Valve

243655 23:1 Ambient

243654 51:1 Ambient

Heated Pressure Compensating Valve

Includes 400W Heater and 6-pin electrical connector

        243658 23:1 Heated 120V

        243206 51:1 Heated 120V

Includes 400W Heater and 8-pin electrical connector

        243656 23:1 Heated 240V

        243657 51:1 Heated 240V

Accessories

233082 Repair kit for all compensating valves ordered after March, 2000

243464 Upgrade kit for 19:1 compensating valves ordered before March, 2000

115982 3 oz. (0.09 liter) grease cartridge

551189 Grease gun (for flushing grease out of the packing area)

244021 **Connector Accessory Kit**
Mates Graco compensator to non-Graco heat control.
Note: Control-end connector is provided by and wired by customer.