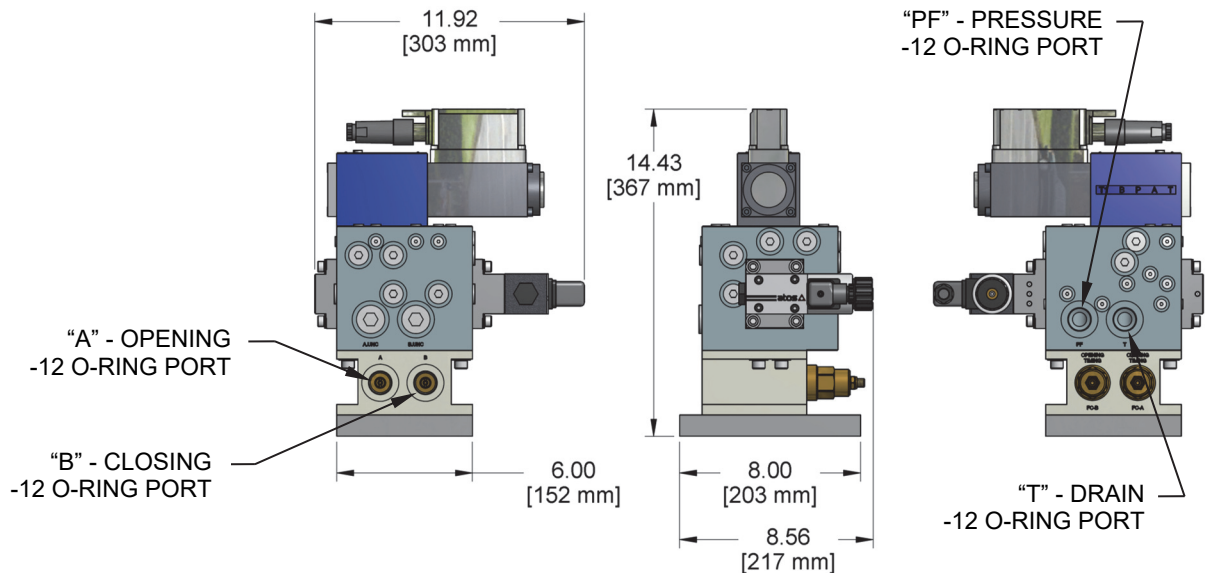
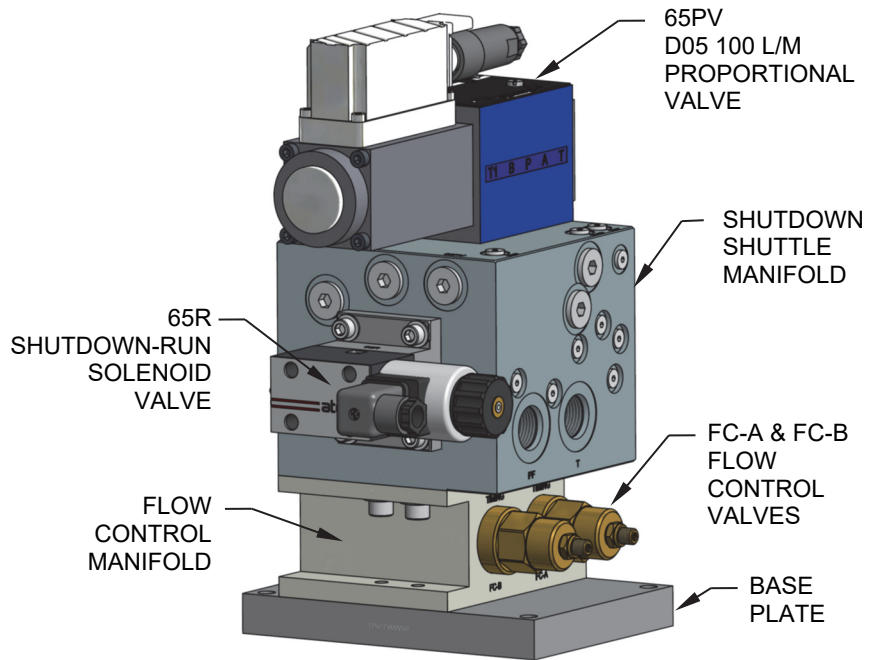
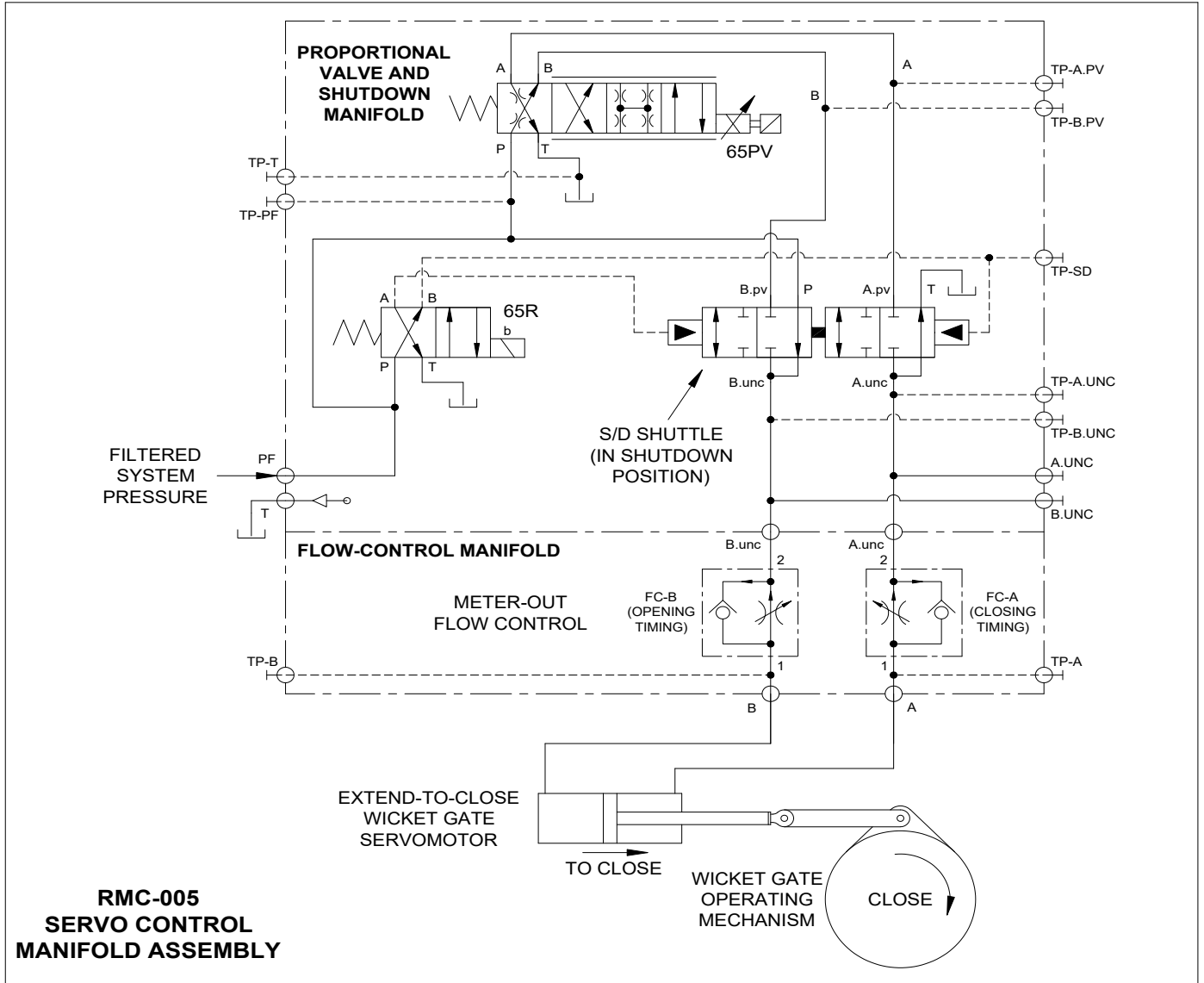


**Servomotor Control Valve Assembly for Hydro Turbine Governor Systems**

- D05 Proportional Valve (ISO 4401 Size 10) – Standard Configuration
- D03 Proportional Valve (ISO 4401 Size 6) – Alternate Configuration
- Internal Shutdown Shuttle Valve, Operated by D03 Solenoid Valve (ISO 4401 SIZE 06)

- **Utilizes Commercially Available** Proportional Valve for 65PV
- **Integral Shutdown Shuttle Valve** Ensures Failsafe Operation in Compliance with IEEE Std 125 - 5.8.1
- **Utilizing D03 Type Valve** for 65R Creates a Wide Range of Shutdown Scheme Options
- **External / Remote Hydraulic** Signal Sources Can Be Utilized for Run and Shutdown Initiation
- **Polarity of Shuttle Valve** Can Be Easily Reversed by Moving 65R to Opposite Side of Manifold:  
 Energize-To-Run Solenoid on Front of Manifold Becomes Energize-To-Shutdown Solenoid if Installed on Opposite Side of Manifold





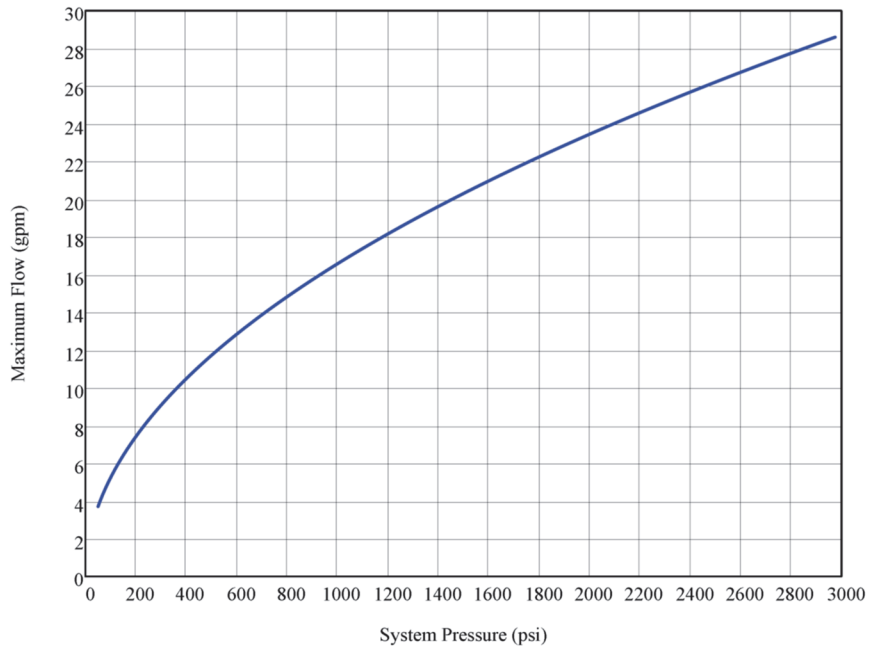
**RMC-005**  
**SERVO CONTROL**  
**MANIFOLD ASSEMBLY**

**Hydraulic Schematic of Typical Servomotor-Control Application**  
**Wicket Gate Servomotor is Controlled Directly**  
**(Without Second-Stage Distributing Valve)**

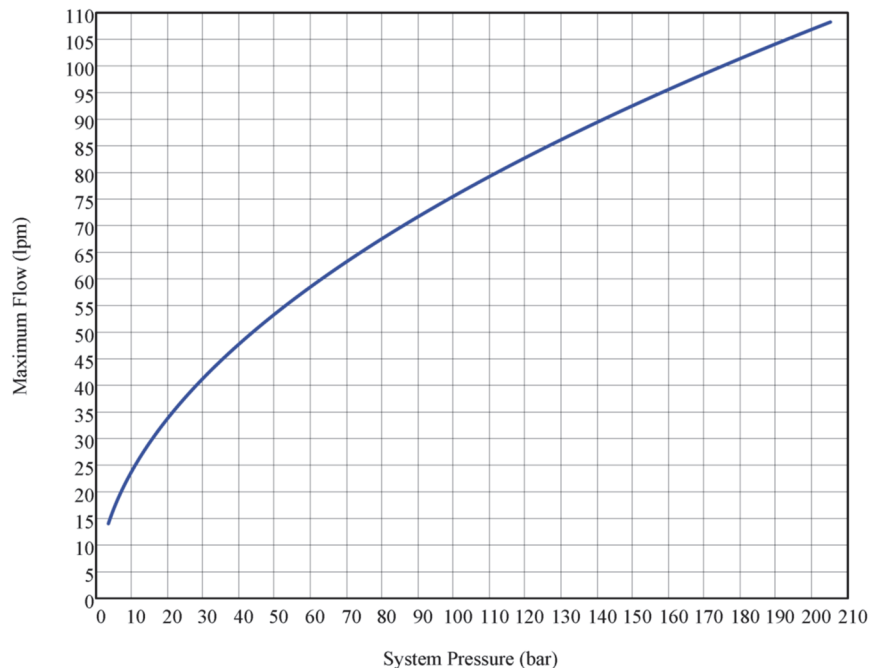
**Specifications:**

- 3000 PSI Maximum
- Flow Graphs Based on Commercially Available Proportional Valve Rated at 100 Liter Per Minute (26.4 GPM) with 35 Bar (508 PSI) Pressure Drop Per Land
- Oil Cleanliness Requirements: ISO 18/16/13 (or better)
- Ambient Temperature Range: -4°F to +122°F (-20°C to +50°C)
- Fluid Temperature Range: -4°F to +122°F (-20°C to +50°C)

**Flow Capacity Versus System Pressure**  
**In Compliance with IEEE Std 1207 - 6.2.3.2**



**Gallons per Minute vs. Pounds per Square Inch**



**Liters per Minute vs. Bar**