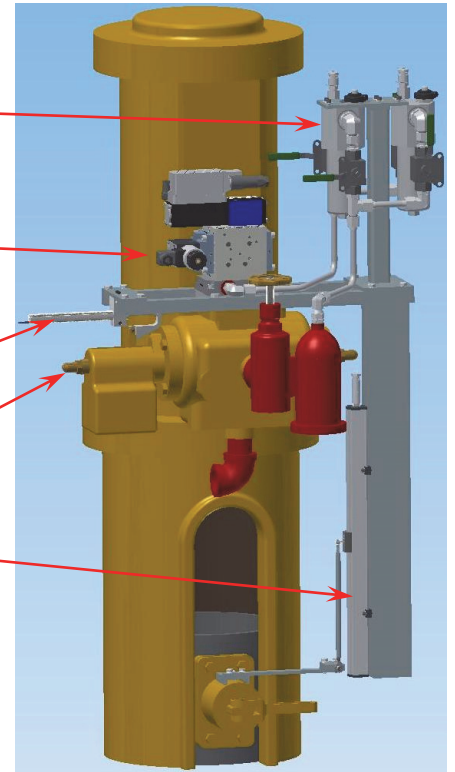


RMC-001 - Pilot Control Shuttle Manifold

Provides Electro-Hydraulic Interface Between Modern Digital Control System and Vintage Gateshaft Governor System

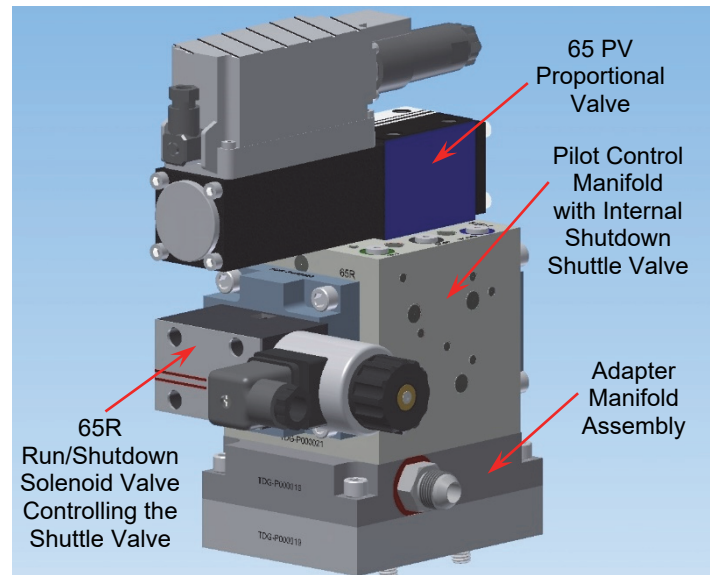


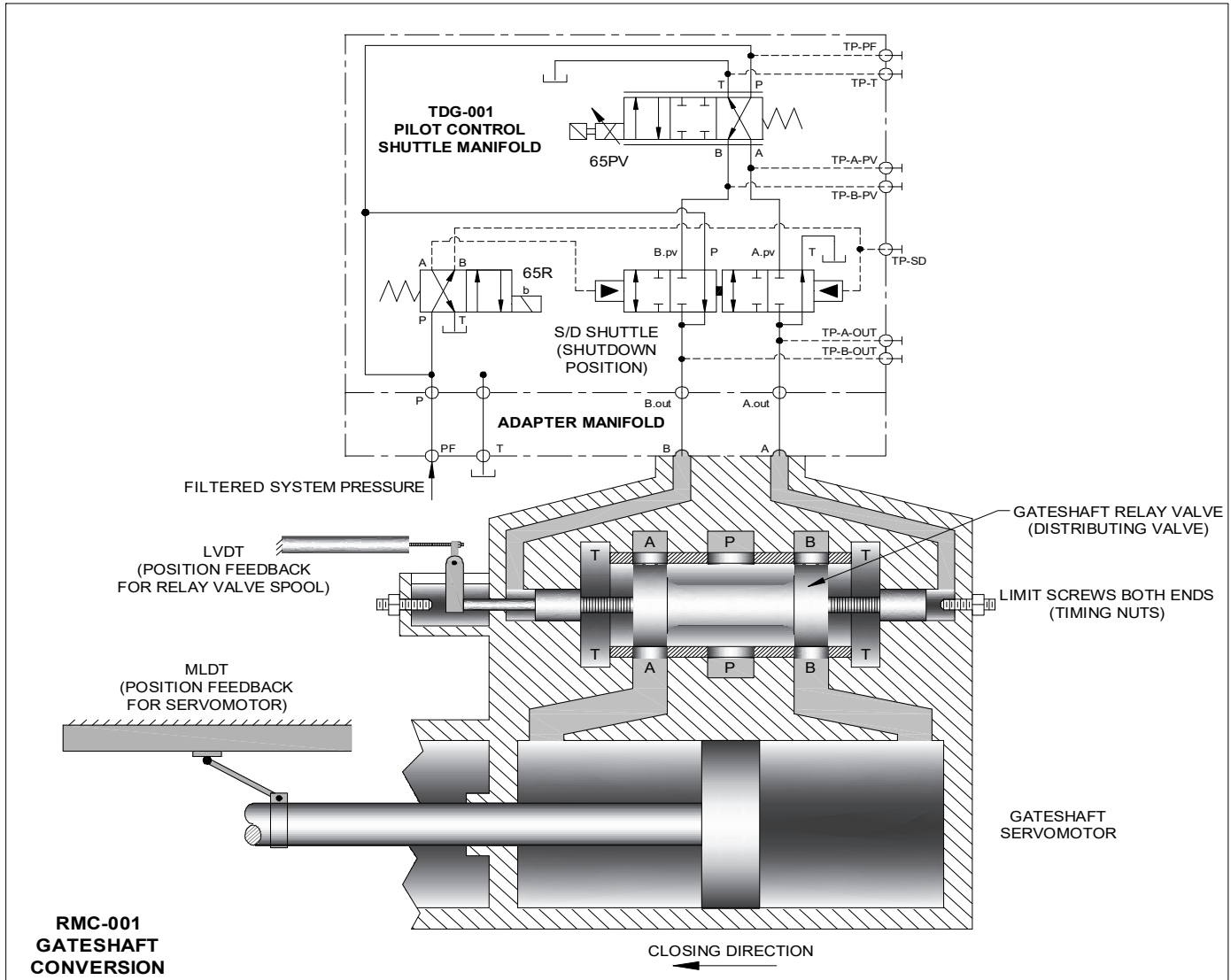
- Gateshaft Control Column and Pilot Valve are Removed
- Dual Oil Filter Assembly is Installed to Ensure Proper Oil Cleanliness for the New Control Valves
- Original Pilot Valve is Replaced with the RMC-001 Pilot Control Shuttle Manifold
- LVDT is Installed to Provide Position Feedback for the Relay Valve (Distributing Valve) Spool
- MLDT is Installed to Provide Position Feedback for the Servomotor (Wicket Gate, Etc. Position)



RMC-001 - Pilot Control Shuttle Manifold

- Designed Specifically for Hydro Turbine Control Applications.
- Integral Shutdown Shuttle Valve Ensure Failsafe Operation in Compliance with IEEE Std 125 - 5.8.1.
- Single Internal Moving Part Provides Reliable Operation for Many Years of Service.
- Utilizes Commercially Available, Standard, D03 Type Valves for 65PV and 65R.
- Utilizing Standard D03 Type Valve for 65R Allows Flexibility for Shutdown Scheme Options.
- External / Remote Hydraulic Signal Sources Can Be Utilized for Run and Shutdown Initiation.





Typical Hydraulic Schematic of Gateshaft Conversion