

Final Control Element

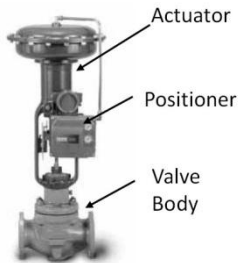


Figure 5-1. Components of a Sliding Stem Valve



Figure 5-4. Valve with Electro-Pneumatic Transducer

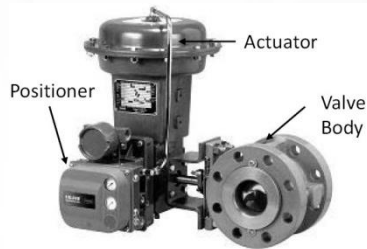


Figure 5-2. Example of a Rotary Valve



Figure 5-5. Damper Drive

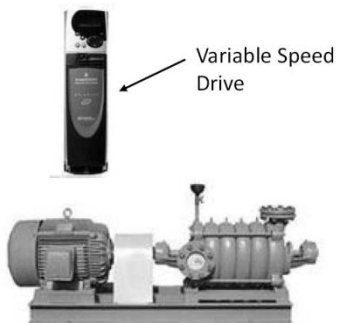


Figure 5-6. Variable Speed Drive and Pump with Electric Motor



Figure 5-7. Blocking Valves

- Basic final control elements are addressed:
 - Sliding stem valve
 - Rotary valve
 - Damper drive
 - Variable speed drive
 - Block valve
- Advantages and limitations are discussed

Final Control Element Terminology

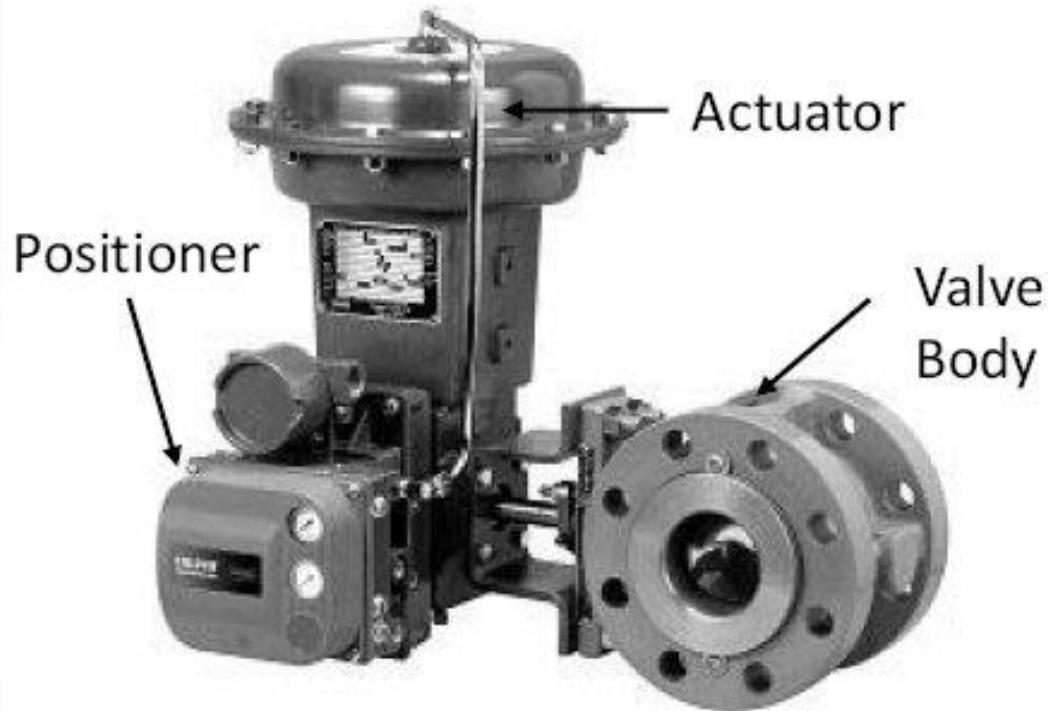


Figure 5-2. Example of a Rotary Valve

- Common terms associated with final control elements are defined
 - Positioner
 - Actuator
 - Valve Body

Installed Characteristics

- Types of valve characteristics and their impact on installed characteristics is addressed

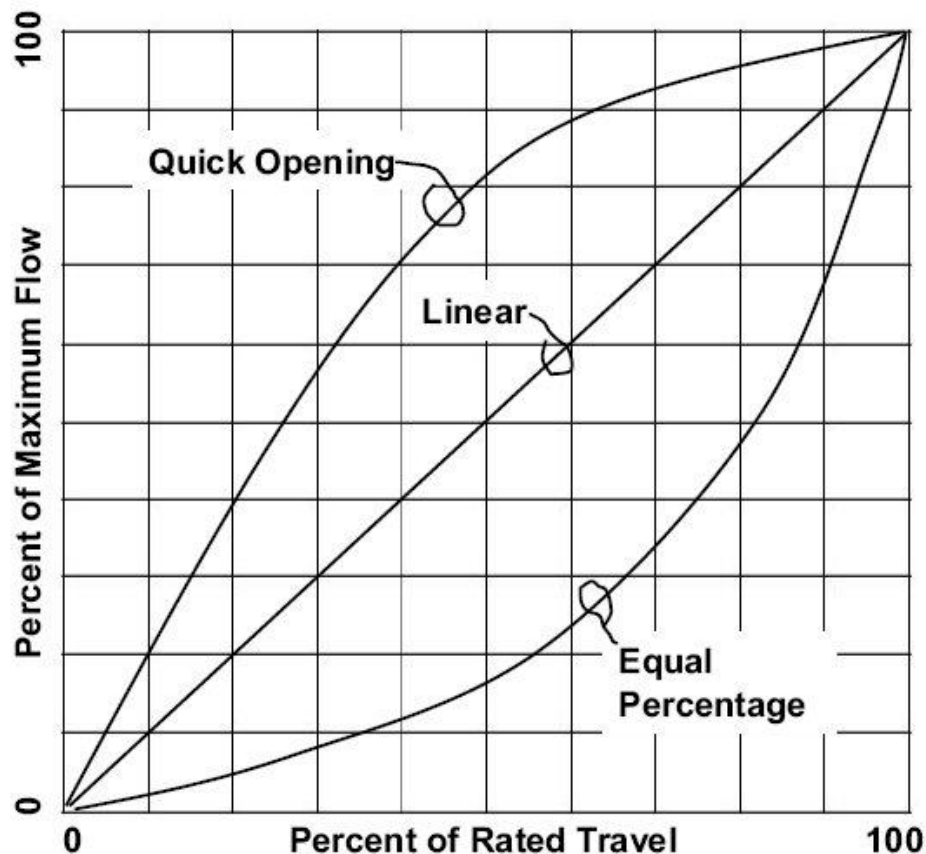


Figure 5-3. Valve Characteristic