Valve Symbols - Page 3

4/3 Pilot operated directional control valve: solenoid operated, spring centered, internal pilot, internal drain, all ports closed in neutral...

... now showing: external pilot, external drain, A-B-T in neutral

Alternative valve actuators: (1) pushing solenoid, (2) pulling solenoid, (3) dual solenoid, (4) lever, (5) pedal, (6) direct hydraulic operation, (7) direct pneumatic operation, (8) push, (9) pull, (10) push-pull, (11) turn, (12) manual override

Proportional directional control valve: direct operated, force controlled (non-feedback)

... now showing: stroke controlled (with feedback)

... now showing: integral amplifier (on board electronics)

Proportional directional control valve: pilot operated, force controlled (non-feedback). Internal pilot, internal drain

Servo valve: direct operated, electrical feedback, safety shut down position, integral amplifier

Servo valve: pilot operated, (2 stage), mechanical feedback, external pilot, internal drain

Proportional pressure relief valve: direct operated, integral amplifier

Proportional pressure relief valve: pilot operated, maximum pressure limitation, external drain

Proportional directional control valve: stepper motor actuated. All ports closed in neutral