Product Specification
Servovalve Model 10

General Characteristics

Product: Single-Stage, Nozzle Flapper
Rated Flow: 0.05 to 0.25 gpm (.19 to .95 l/m) gpm at 3000 psi (207 bar) valve pressure drop.
Flow Recovery: 40-45%
Supply Pressure: to 3000 psi (207 bar).
Pressure Recovery: 70-80%.
Power Input: 32 to 300 milliwatts
Hysteresis: 4% of rated current, maximum
Threshold: Zero
Pressure Linearity: 10% of rated current, maximum
Flow Linearity: 15% of rated current, maximum
Null Bias: 2% of rated current, maximum less than 5% during life of servovalve.

- Available in ARP 490, Size IA, IB or Size II. Also available for custom installations.
- Electrical connector and coil configuration is optional
- Qualified for military and commercial aerospace applications and will meet more stringent environments.