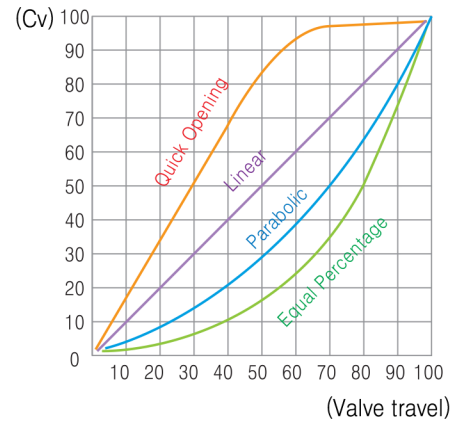
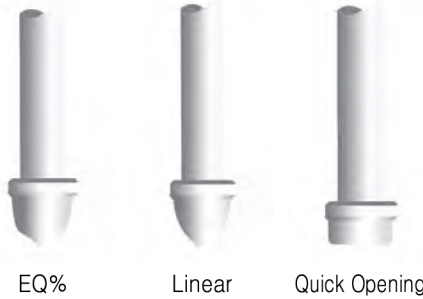




# Control Valve DP Series



## ▶ DP FEATURES



- Cage retained seat design is adopted. There are no internal threaded parts, and no special tool is required for replacement of the seats.
- Lock nut connects the bonnet and the actuator. Lock nut connection allows quick assembly and disassembly of the valves, and the design also allows the actuator to be oriented in any direction (360 degrees) in relation to the body.
- Handwheel and positioner are provided as an option. Any other accessories such as Air Filter Regulator, I/P Transducer, Pressure / Temperature Transmitter, Solenoid Valve and Limit Switch can be provided if required.

## DP GENERAL SPECIFICATION

Valve Body Type & Style	Single seated globe body with cage retained trim
Pressure Rating	ANSI 125~600 or JIS 5~63K
Valve Size	1/2"~2" (15~50mm)
Temperature Range	PTFE V-ring : -20~460°F (-29~238°C) Laminated Graphite : -320~800°F (-195~427°C)
Body & Bonnet Material	ASTM A126 CL.B (FC200) ASTM A216 WCB (SCPH2) ASTM A536 65-45-12 (FCD450) ASTM B584 C905 or C836 (BC3 or BC6) ASTM A351 CF8 or CF8M (SCS13 or SCS14)
Flow Coefficient ( Rated CV )	3.8 to 56
Flow Characteristics	Parabolic, Equal Percentage, Linear, Quick Opening
Leakage Class	ANSI IV, V, VI
Rangeability	30:1~50:1
Actuator Size	35 in <sup>2</sup> , 55 in <sup>2</sup> , 85 in <sup>2</sup> , 135 in <sup>2</sup> , 180 in <sup>2</sup>
Actuator Action	Direct (air to close) / Reverse (air to open)
Spring Range	3~15 psi (0.2~1.0 kg/cm <sup>2</sup> ) / 6~30 psi (0.4~2.0 kg/cm <sup>2</sup> )