



PNEUMATIC ACTUATED CONTROL VALVE

MOTOYAMA Control Valves has been developed to provide a cost effective solution to the “final control element” used in modern process plants. The valve design combines the successful high integrity features with a high capacity, economic design philosophy as well as excellent control.

SERIES 07 SINGLE / DOUBLE SEATED GLOBE VALVES

Size Range	: 15mm to 400mm (1/2" to 16")
Design Standard	: ANSI B16.34 and ASME Section VIII
Face to Face	: According to ISA S75.03 1984
Body Material	: Carbon Steel A216WCB, St. Steel CF8, CF8M, CF3, CF3M
Pressure Rating	: Class 150# (JIS 10K, PN10) Class 300# (JIS 20K, PN16 to PN25) Class 600# (JIS 30 to 40K, PN40)
Bonnet Type	: Plain (-17°C to 230°C) Extension (-45°C to -17°C, >230°C) Cryogenic (-196°C to -45°C)
Flow Characteristic	: Equal %, Linear, Quick Opening
Rangeability	: 10:1 to 100:1
Leakage Class	: Metal Seat - Rated ANSI Class IV, V Soft Seat – Rated ANSI Class V, VI
End Connection	: Screwed, Socket Weld, Butt Weld, Flange End ANSI, DIN and JIS
Actuator	: Series 3500 Diaphragm Actuator
Accessories	: Limit/Proximity Switch, E/P Positioner

Features

- * All trim components removable from the top for easy maintenance
- * Wide range of supplementary noise control options
- * Multi trim sizes available
- * Fully rationalized and interchangeable features
- * Full range of bonnet and packing designs to suit various Temperatures and fluids

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