



Armstrong® PYTHON® - 1500 SERIES CONTROL VALVE

Control valves are key for any pressure or temperature control application. Delivering media in an efficient way increases productivity, and also precision control provides repeatability and safety for any process.

When accurate control is desired from your steam, air, or water applications, Armstrong Python® 1500 Series control valve will squeeze every bit of performance out of your system and deliver precise control.

Python® 1500 Series control valve is constructed and equipped with state-of-the-art materials and is designed to meet the most stringent budget.

Advantages:

- 50:1 rangeability
- Available in carbon steel and stainless steel material
- Two packings: PTFE chevron seals and graphoil
- Valve designed in compliant with ASME, DIN, CRN, IBR and GB Standard
- Available in 1/2" - 4" size. End connections available in flange #150 and #300; Screwed - NPT, BSPT, Socket Weldable and PN40
- **Operability:** 605 psig @ 500° F (41.4 barg @ 260° C);
740 psig @ 100° F (51.1 barg @ 38° C)
- Globe two-way single seated valves that deliver accurate and efficient control for most steam and liquid applications
- Easy access to all internal parts for in-line inspection, maintenance, and trim replacement
- Three pneumatic actuator to cover the available size range
- Pneumatic actuators with six springs to provide better stability, allow lower hysteresis and higher performance
- Live spring loaded teflon packing for long service and less maintenance
- Parabolic equal percentage trims for accurate control. Also available with linear trims
- Metal to metal seats rated for Class IV shut off as per FCI 70-2
- Hardened Chrome Steel, 17-4 Ph H900 plugs for long service and better resistance to erosion

It's an Armstrong Product:

- **Diaphragm:** Diaphragms have been validated for more than 3 million cycle
- **Spring:** Springs are tested for full stroke on actuators for more than 2 million cycle
- **CV (Valve Coefficient) validation:** All theoretical values of CV were verified experimentally
- **Packing:** Both the packings (graphite and teflon) were tested in steam for full stroke for over 3 Million cycles
- **Xt, FI analysis:** Xt and FI values were validated at FCRI Laboratory



Scan to learn more about
Armstrong Python® 1500
Series

Armstrong International | INTELLIGENT SOLUTIONS IN STEAM, AIR AND HOT WATER

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