

Large Capacity Pressure Regulating Valve for Analyzer

MODEL 6700 SERIES

This regulating valve is a larger version of our 6600 regulator. The design is compact, yet it permits quick, reliable, high-accuracy pressure regulation in a large flow range.

- Compact regulating valve for large flow**
The compact, lightweight valve has excellent control characteristics in a large flow range, ensuring the repeatability of $\pm 1\%$ when the primary and secondary pressure change.
- Complete fluid shutoff**
When the secondary pressure is set at 0, it functions also as a stop valve.
- Ideal for in-line mounting**
The fluid inlet and outlet are provided on the sides of the body, permitting easy in-line piping.
- Non-bleed type**
This non-bleed type valve has passed stringent leak tests, thus eliminating concerns.

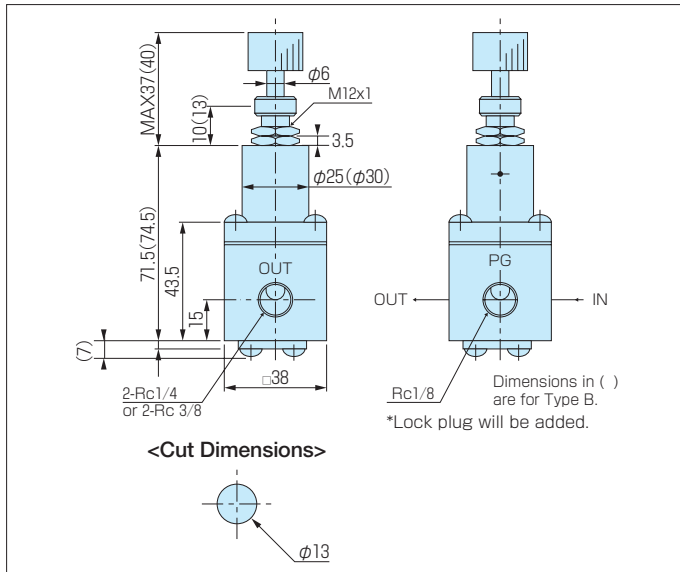


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Pressure Control Valves

MODEL 6700 SERIES

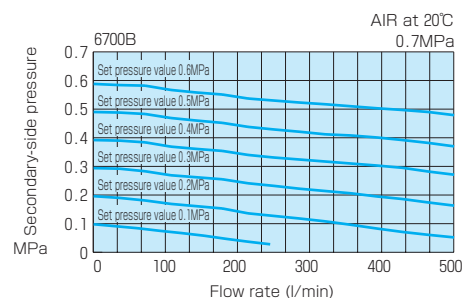
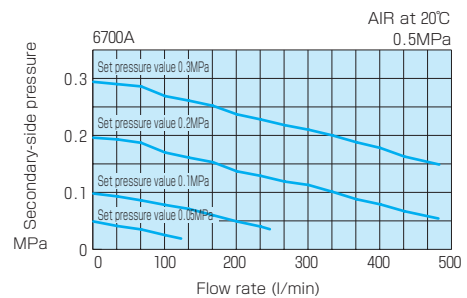
Dimensions



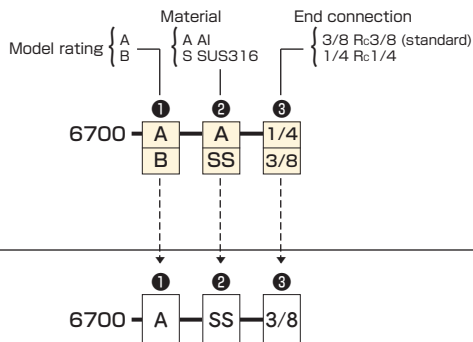
Standard Specifications

Model	6700A	6700B
Maximum primary pressure	0.9MPa	
Secondary control pressure	0.01-0.3MPa	0.05-0.6MPa
Minimum operating differential pressure	0.05MPa	
Proof pressure	1MPa	
Repeatability	Within $\pm 1\%$ of the pressure rating	
Heat resistance	5°C-60°C	
Flow rating	See the graph.	
Connection end	Rc 3/8 (standard), Rc 1/4	
Materials of parts in contact with fluids	(A) Al, BSBM, NBR, POM, SUS316 (SS) SUS316, FKM, fluorocarbon resin	

Flow Characteristics



Ordering



* Refer to "Ordering" and "Illustrative example" when placing an order or requesting a quotation. Fill in the blanks in the "Order/Quotation Request Card" at the end of the catalog, and send the card by fax.