

T-8020 Special Low Flow Control Valve

[MULTI-SPRING TYPE ACTUATOR WITH INTEGRAL POSITIONER]



Type T-8020 "CHIBICON" is small and lightweight control valve especially designed for very small flow. Action is accurate and high accuracy flow control is possible. Because Actuator is designed as Diaphragm type Multi-spring, it is compact construction with high power. Also because positioner is installed inside actuator, installation of positioner to actuator is very easy without piping work. Besides there is another type to install electromotor.



Electromotor type

Standard Specification

Size	1/4", 3/8", 1/2"
Connection	Rc screwed, NPT screwed
Body Material	SCS14A (other materials are also possible)
Trim Material	SUS316, SUS316L(Stellite facing is option) or others
Pressure-Temperature Standard	ANSI Class 600
Flow Characteristics	EQ%, Linear
Cv value	0.001 to 2.0
Allowable seat Leakage	0.01% of rated Cv value (ANSI Class IV)
Bonnet Type	Standard (0 to 180 °C) Cooling Fin (Over than 180 °C) Extension 1 (-50 to 0 °C) Extension 2 (-196 to -50 °C)
Gasket	PTFE, PCTFE, PTFE containing carbon
Gland Packing	V-PTFE

Actuator Specification

Actuator Type	Diaphragm Motor (Multi-spring)
Action	Direct Action, Reverse Action Alternative type (Specify Direct or Reverse)
Positioner	E/P Positioner-Input signal 4 to 20mA P/P Positioner-Input signal 20 to 100kPa (Only 1/2 split range is possible)
Working Pressure	140kPa
Hysteresis	1.5% or less
Linearity	±3% or less
Pipe connection	Rc1/4
Ambient Temperature	-30 to 60 °C

Option

Air set, Solenoid Valve, Manual Handwheel(Top Mount), Stellite facing Trim