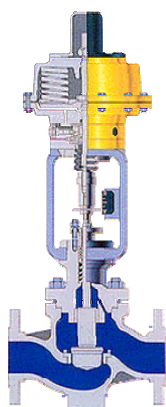


T-8110 Control valve

[MULTI-SPRING TYPE ACTUATOR WITH INTEGRAL POSITIONER]



Type T-8110 control valve is small and lightweight and high efficient control valve. With S-shape Body minimized pressure loss, high capacity and durability are very excellent comparing with our former products. By using high power Multi-spring type Actuator with positioner, it is extremely compact control valve.

Standard Specification

Size	15A, 20A, 25A, 40A, 50A, 65A, 80A, 100A
Rating	JIS10K, 20K, 30K, 40K, 63K ANSI Class 150, 300, 600, 900, 1500 JPI Class 150, 300, 600, 900, 1500
Connection	Flange type-RF (FF, Rugged RTJ type is also possible) Welding type-SW(15A to 50A), BW(65A to 100A)
Body Material	FCD450, SCPH2, SCPL1, SCS13A, SCS14A, SCS16A AND others.
Trim Material	SUS316(Stellite facing is option) or others
Inner Valve Type	Parabolic(Soft Disc is also possible)
Flow Characteristics	EQ%, Linear (Rangeability-50:1)
Cv value	0.02 to 180
Allowable seat Leakage	0.01% of rated Cv value (ANSI Class IV) (Soft Disc-ANSI Class VI)
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) Bellows Seal (Refer to T-8115 Type)
Gasket	Asbestos, PTFE, Graphite Impregnated Spiral-wound (hoop SUS316/Fillar Asbestos, PTFE, Graphite Impregnated) Grooved Gasket
Gland Packing	V-PTFE, Braid packing, Graphite Impregnated

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	140/ 250/ 350/ 420kPa
Hysteresis	1.5% or less
Linearity	±3% or less
Pipe connection	Rc1/4
Ambient Temperature	-30 to 60 °C

Option

Air set, Solenoid Valve, Limit Switch, Lock-up Valve, Speed Controller, Booster Relay, Manual Handwheel(Top Mount), Stellite facing Trim Main/Max Stopper.