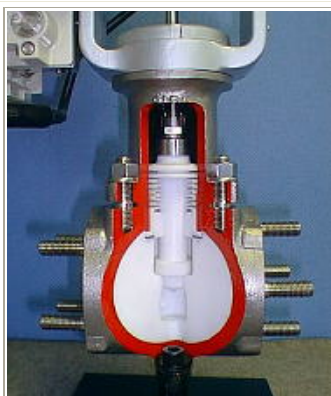


T-8210 Acid-Proof Control Valve

[MULTI-SPRING TYPE ACTUATOR WITH INTEGRAL POSITIONER]



Type T-8210 Acid-Proof Control Valve starting with chemicals is Gland packingless structure control valve which is suitable for control of all kinds of acid and Alkali fluid. By using small size high output Multi-spring type Actuator with positioner, it is extremely compact control valve.

Standard Specification

Size	15A, 20A, 25A, 40A, 50A
Rating	Working Pressure 0.5MPa or less. (It can be also using for vacuum)
Connection	STUD Type equivalent to Flange Type JIS10K, ANSI Class 150
Body Material	PVC, PTFE (Bodycase is SCS13A)
Trim Material	PTFE
Inner Valve Type	Parabolic
Flow Characteristics	EQ%, Linear (Rangeability-50:1)
Cv value	0.02 to 40
Allowable seat Leakage	0.01% of rated Cv value (ANSI Class IV)
Bonnet Type	Bellows Seal
Bellows Material	PTFE
O"-Ring Material	FPM or PTFE (only PTFE Body)
Ideal Pressure	0.5MPa
Ideal Temperature	PVC 0 to 50 °C PTFE -20 to 100 °C

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/ 350kPa
Hysteresis	1.3% 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.