

501G: Cage Guided Control Valves

550G: Multi-hole Cage Guided Control Valves

6300LA/501G



5200LA/550G



501G series is our latest cage guide control valve of large Cv value, and of dynamic stability. It is suitable to a variety of heavy duty services. This series is characterized by pressure balanced type trim for high pressure drops.

550G Series provides control valves that meet low noise and anti-cavitation requirements by incorporating a multi-hole type cages, instead of the standard cages, in the 501G Series cage guided control valves.

All the parts except the multi-hole cage are interchangeable with the parts of the 501G Series accordingly. For those severe fluid conditions that cannot be covered by this Series, please select KOSO velocity control trim type.

Specifications

| | | | |
|-----------------------------|-------------------|--|---------------------------------------|
| Body type | | 550G: Globe type | 501G: Globe type |
| | | 560G: Angle type | 511G: Angle type |
| Body size | | 1"(25A) to 18"(450A) | 1"(25A) to 18"(450A) |
| Body rating | | ANSI Class 150 to 2500, JIS10K to 63K | ANSI Class 150 to 2500, JIS10K to 63K |
| Fluid temperature | | -196 to +538° | -196 to +538° |
| Connections | | Flanged (RF,RTJ), Butt Weld, Socket Weld etc. | |
| Body materials | | SCPH2/WCB,SCPH21/WC6,SCPL1/LCB,SCS13A/CF8,SCS14A/CF8M,etc. | |
| Trim materials | | SUS410/410SS,SUS630/SCS24,SUS316/CF8M,etc. | |
| Rangeability | | 50: 1 to 20:1 | 50: 1 to 20:1 |
| Flow characteristics | | Linear, Modified Linear, ModifiedEq% | Linear,Eq% |
| Leakage | Metal seat | ANSI Class IV, V or MSS-SP-61 | |
| | Soft seat | Bubbletight ANSI Class VI | |
| Actuator combination | | 5200LA: Pneumatic Diaphragm Actuator 6300LA: Pneumatic Cylinder Actuator 3500LB,3620LA: Solid State Electronic Actuator 3800LA: Microprocessor Actuator | |