

TOV-A12, A22, A25

TRIPLE DUTY CHECK VALVE (ANGLE TYPE)



• **Size :** 2" ~ 24"

• **Applicable Fluid :** Water, Oil

• **Inlet Pressure :**

TOV-A12 : Max. 10 bar(Cast Iron) / Max. 16 bar(Cast Iron, Ductile Iron)

TOV-A22, 25 : Max. 20 bar(Cast Steel)

• **Operating Temperature :**

Max. 80 °C (Option : Max. 120 °C)

• **Control Range :**

0.04~0.07 bar

• **End Connection :**

TOV-A12, TOV-A22 : Flanged (ANSI / DIN / JIS)

TOV-A25 : Grooved Joint

• **Hydrostatic Test :**

TOV-A12 : 15 bar~3 min.(Cast Iron)/ 24 bar~3min.(Ductile Iron)

TOV-A22,25 : 30 bar~3 min. (Cast Steel)

• **Material_Body, Bonnet :**

TOV-A12 : Cast Iron, Ductile Iron / TOV-A22, 25 : Cast Steel

• **Material_Seat /Disc :** Stainless Steel, Cast Bronze / NBR

• **Material_Spring :** Stainless Steel

Check valves are critical for the prevention of backflow into pipes and protection of pumps from cavitation, especially as piping setups become increasingly complex in the water supply/drainage, cold/hot water processing, and boiler systems of today's buildings and factories. TOV-A is a versatile integrated solution capable of blocking reverse flow, preventing water-hammer via shut-off in case of pump stoppage, relieving the pump's vacuum, regulating flow rate, and more. Because TOV-A has the functionalities of three valves built into one, assembly, disassembly, and maintenance are made much easier with minimum installation time, space, and cost.

Features

- Three different products in one : Non-slam check, shut-off and balancing function in one valve
- Reduction of required parts : No reducer or elbow pipe necessary
- Combinations of different inlet and outlet sizes are available
- Convenient and safe repair : Repair can be performed on site without removing the valve from the line
- Streamlined flow passage and low pressure loss for enhanced pump efficiency
- Integration of inner spring decreases water hammer
- Valve opening can be adjusted with manual override to adjust and balance flow of fluid inside the pipe