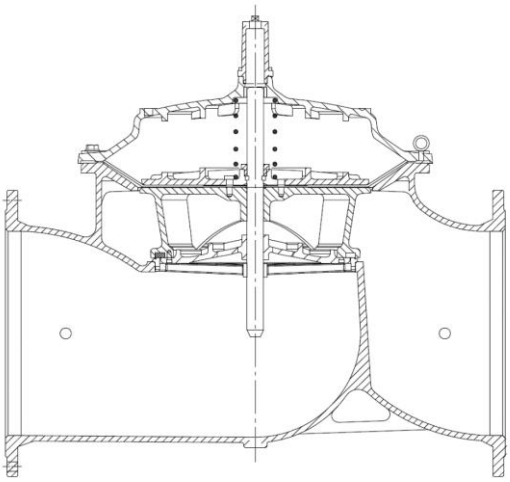
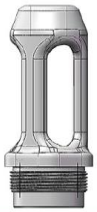
PILOT OPERATED CONTROL VALVE
MODEL - EKO





POSITION

STEM CAP

AIR VENT

SPECIFICATIONS

Available Size	: DN40- DN1200.
Type of Connection	: Flanged / Threaded.
Pressure Rating	: ANSI CLASS 125 / 150 / 300
	: PN 10 / PN16 / PN25
Bore Type	: Full Bore(FB) / Reduce Bore(RB).
Flange Standard	: ANSI / 1092-2
Product Standard	: AWWA C530-12 / EN 1074-5.
General Appliction	: Pressure / Flow / Level Control.
Coating	: Fusion Bonded Epoxy Coating NSF61 approved.

APPLICATION RANGE

PRESSURE CONTROL
- Pressure Reducing Valve
- Pressure Relief Valve
- Pressure Sustaining Valve
- Surge Anticipating Relief Valve

FLOW CONTROL
- Flow Control Valve

LEVEL CONTROL
- Altitude Valve
- Float Valve

PUMPING STATION
- Booster Pump Control Valve
- Multi-Function Pump Control Valve

PRESSURE MANAGEMENT VALVE
- Dual Stage Pressure Reducing Control Valve with Timer
- Solenoid Valve
- Dual Solenoid Control Valve
- Pressure Reducing Valve with Dual Stage- Flow Selected Pressure
- Pressure Reducing Valve with Small Flow
- Flow Control with Pressure Reducing Valve
- Low Outlet Pressure Reducing Valve

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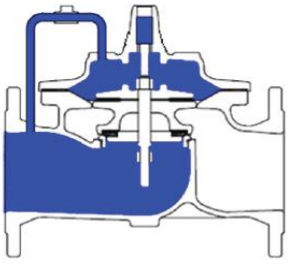
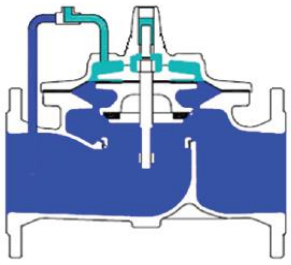
1. Position Indicator
2. Bush
3. Bonnet
4. Spring
5. Diaphragm
6. Anti-Cavitation
7. Shaft
8. Counter Seat
9. Seat
10. Double O-Ring

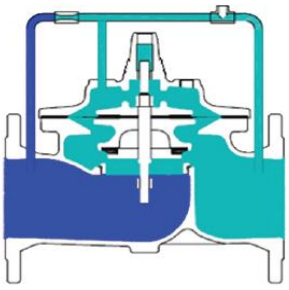
Principles of Operation



Tight Closing Operation
When pressure from the inlet pressure is applied to a cover chamber, the valve closes driptight.



Full Open Operation
When pressure in the cover chamber is relived to a lower pressure or to atmosphere, the pressure inlet opens the valve.



Modulating Control
The valve is in pressure operating balanced. The controls will allow the valve to automatically compensate for pressure changes.