

Angle Type



Up-right Globe Type



Pistek Valve (BALEM 431)

Special Features

- Operates hydraulically independent from any external power sources and controls high and low levels in a storage tank by utilizing the line static and dynamic pressure.
- The incorporation of a control shaft in the valve bonnet allows the rate of flow through the valve to be set a pre-determined flow and also acts as a mechanical shut off feature.
- Closing speed of the valve can be controlled by an integral needle valve on the valve bonnet.
- The valve is easy to maintain and install due to it's simple design.

Pistek Valve (Balem 431) is a float operated hydraulic liquid level control valve suitable for tanks and reservoirs. It's working principal is controlling flow with a modulating float pilot valve, alternatively a Balem 511 can be adjusted up to 900mm on/off differential.

The body is coated by epoxy to prevent contamination of the liquid, and has excellent thermal resistance. The valve is extremely easy to maintain as no special tools or skills are required.

Patents • Patented to Korea.

【 Applications 】

- Substitution for under ground / roof top, low water level ball float control valves.
- Substitution for high and low levels control mechanical valves and electrodes.
- Various types of oil tank float control valves.

Model	Size	Materials	Pattern
431	50-300A	2F : GCD 450	A-Angle
		4F : STS 304 (Order Made)	Y-Type Globe

Specifications	Pistek Valve (BALEM 431)								
Model No.	431-050	431-065	431-080	431-100	431-125	431-150	431-200	431-250	431-300
Size	50A(2")	65A(2½")	80A(3")	100A(4")	125A(5")	150A(6")	200A(8")	250A(10")	300A(12")
Operating Pressure	0.05~0.98 MPa (0.5~10kgf/cm ²)								
Testing Pressure	1.72 MPa (17.5kgf/cm ²)								
Pilot Valve	Female threaded : KSPT ½ / (Optional : NPT)								
Media	Water, Oil Temperature : 0°C ~ 80°C								