

## Flow Diverter Valve, Cast stainless steel body, pneumatically operated

- Extremely reliable and hygienic for diverting the product flow
- Cost-effective modular design
- Optimized for size against maximum pressure control
- Completely adjustable pressure control range
- Fully Autoclavable
- Various internal surface finish available



Series 70 pneumatically operated flow diverter valve has two spherical bodies, a disc with sealing, an actuator and two clamps. The stainless steel bodies are available with various surface finishes.

The valve is opened or closed via a disc that is lifted up or down. This movement is controlled by pneumatic actuator which is remotely operated by means of compressed air.

The pneumatic actuator has normally two working ports, one for air supply and other for venting.

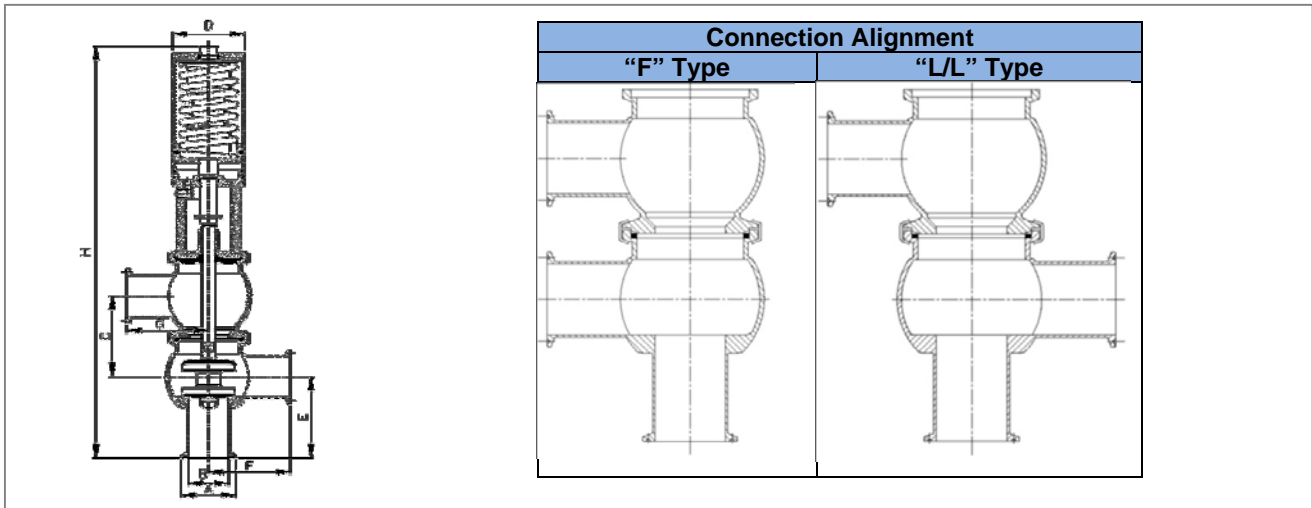
The disc is attached with gasket for hermetic sealing of valve. This helps in reducing wear & tear and extends service life significantly.

This valve has only few simple moving parts, which makes it an extremely reliable and hygienic for diverting the product flow.

### Technical Data

<b>Connection Size</b>	1", 1½", 2"
<b>Air Pressure</b>	5 to 8 Bar
<b>MOC – Wetted (Contact)</b>	ASTM A351 CF3M (SS 316L)
<b>MOC – Non-wetted (Non- contact)</b>	Stainless Steel 304
<b>Seal material</b>	FKM / FPM (fluoroelastomer), PTFE
<b>Media</b>	Neutral liquids, high purity, sterile, aggressive or abrasive fluids
<b>Viscosity</b>	Up to viscous
<b>Surface finish</b>	Blast, Mechanical or Electro Polish
<b>Media temperature</b>	-10°C to +90 °C
<b>Ambient temperature</b>	Up to +90 °C
<b>Sterilization temperature</b>	Briefly up to +150 °C
<b>End connections</b> • V-band (Hygienic) Clamp	ASME BPE - EN ISO 1127/ISO 4200 and BS 4825 are available on request
<b>Installation</b>	As required, preferably with actuator in upward position

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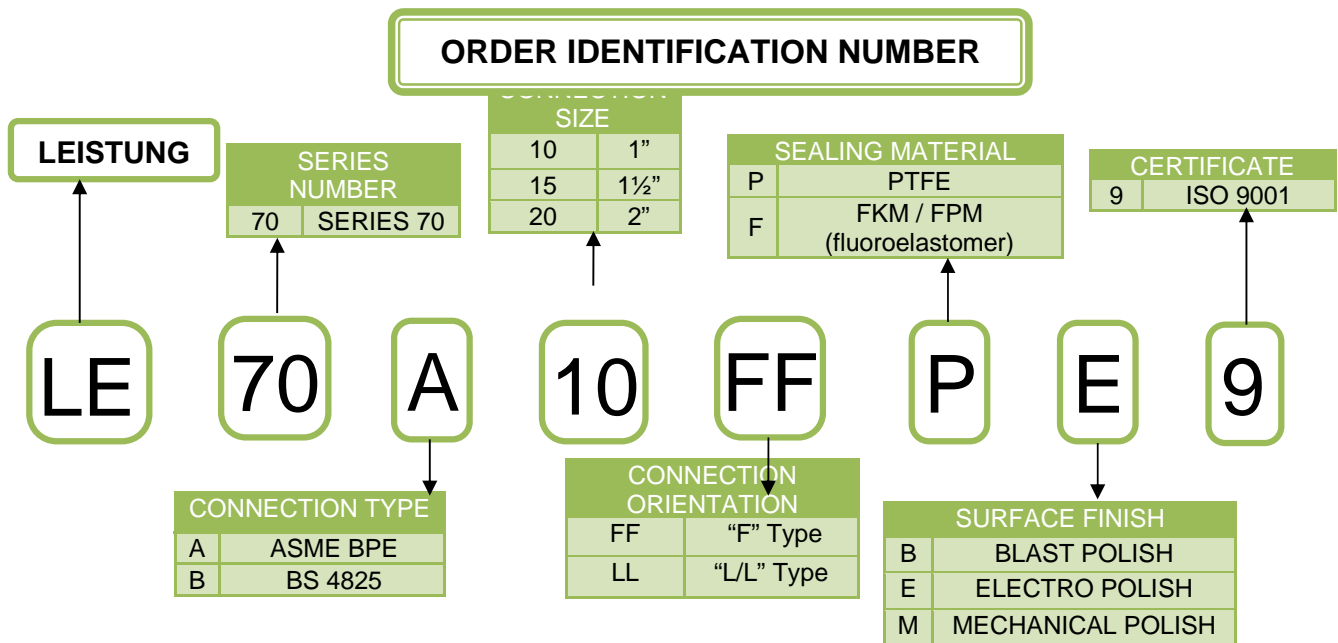


Dimensions for end connections according to ASME BPE connection type

Conn. Size	Flange OD	Pipe ID	Distance Between Centers of Horizontal Pipes	Outside Diameter of Actuator	Center to Face Height at Inlet	Center to Face Width at Inlet	Center to Face Width at Top Outlet	Max. Valve Height
	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	
1"	50.4	22.1	56.5	60.0	50.0	58.0	58.0	263.0
1½"	50.4	34.8	83.0	85.5	80.0	90.0	90.0	449.0
2"	63.9	47.5	95.0	85.5	95.5	96.5	96.5	483.5
2½"	77.4	60.2	120.0	133.0	83.0	103.0	103.0	574.0
3"	90.9	72.9	128.0	133.0	126.0	136.0	136.0	631.0

- Notes: 1. Dimensions and Tolerances for end connections according to ASME BPE.
- 2. All other dimensions are approximate and subject to change without prior notice.

**Ordering Chart**



Note: Valves with end connection sizes according to BS 4825 are available on request. In case of special application conditions, please e-mail at: [rnd@leistung.in](mailto:rnd@leistung.in) The technical specifications are subject to change without notice.