End-of-Line Breather Valve

The End-of-Line Breather Valve maintains a sealed state. When the system pressure or vacuum exceeds the valve setting value, the valve core is lifted, the sealing state between the valve seat and the valve core is broken, and the pressure or vacuum accumulation is released. Once the release is completed, the valve remains sealed again.
Installation location: Connect the tank through the flange, and the valve is directly discharged to the atmosphere after opening



Features

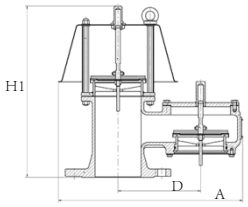
- Dual guide rail system, smooth stroke and less wear
- Leakage is much less than API2000 standard and maintains high setting accuracy(±3%)
- Full start at 10% overpressure
- Valve core and valve seat assembly can be replaced on site
- Support ANSI, DIN and HG/T20592~20635~2009 flanges

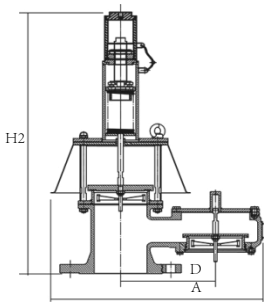
Setting Range

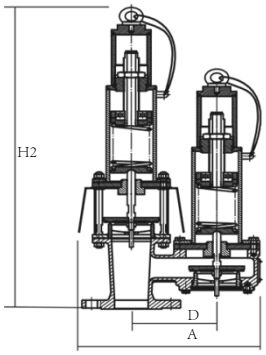
Model	Size	Pressure	Vacuum	Temp.
HXFE10	1.5”(DN40)~12"(DN300)	0.2~6.9KPa(2~69mbar)	0.2~4.3KPa(2~43mbar)	-45~260℃
HXFE20	1.5”(DN40)~12"(DN300)	6.9~100KPa(69~1000mbar)	0.2~4.3KPa(2~43mbar)	
HXFE30	1.5”(DN40)~12"(DN300)	6.9~100KPa(69~1000mbar)	4.3~4.8KPa(43~48mbar)	
HXFE40	1.5”(DN40)~12"(DN300)	0.2~6.9KPa(2~69mbar)	4.3~4.8KPa(43~48mbar)	

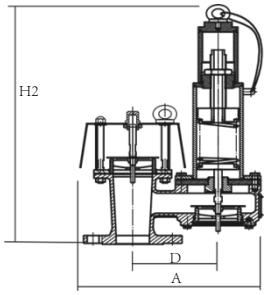
Materials

Body	Seat/Disc	Plug Seal	Fastener	Counterweight	Gasket
Aluminum Stainless steel Carbon steel	Stainless steel Aluminum	FEP Teflon Buna-N	Galvanized carbon steel Stainless steel	Galvanized carbon steel Stainless steel Aluminum Resin coated stainless steel	Buna-N Teflon Viton Buna









Key Parameter List

Model	*Inlet Connection In(mm)*	*D Center Length mm*	*H1 Total Height mm*	*H2 Total Height mm*	*A Total Length mm*
HXFE00	2(50)	130	275	Variable Value	298
	3(80)	155	315		340
	4(100)	180	376		400
	6(150)	230	507		523
	8(200)	285	603		647
	10(250)	350	699		765
	12(300)	440	812		960

**Unit weight, indicating the net weight (in kilograms) of the valve at the standard set pressure (2mba pressure -2mbar vacuum), excluding the weight of the transport box. The total shipping weight needs to be increased by 20% (domestic only). Parameter content is for reference only, more requirements please contact us.*