Pressure Relief Valve



Pressure relief valve is part of Wanan high performance breather valve series,the excellent Wanan guide system makes its performance exceeds the standard valve on the market,it is suitable for direct discharge conditions,providing overpressure protection,prevent air inhalation and reduce medium evaporation.

Features

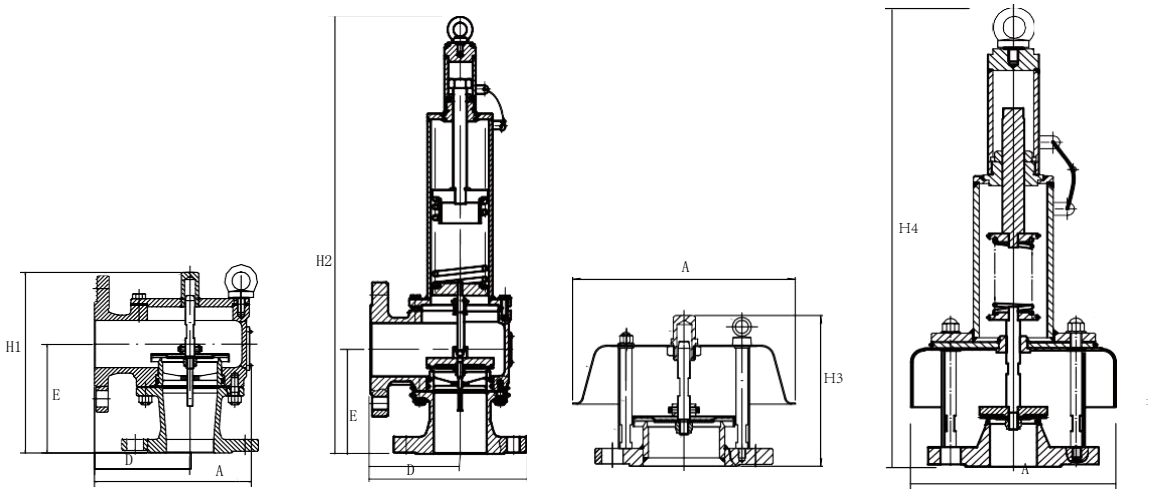
- Double guide rail system, smooth stroke and less wear
- The leakage is much lower than API2000 standard and guarantees high setting accuracy (±3%)
- Fully open at 10% overpressure
- The trim and seat assembly can be replaced on site
- Supports ANSI, DIN and HG/ T20592-20635-2009 flanges

Setting Range

Model	Size	Pressure	Temperature
DHF10	2”(DN50)~12"(DN300)	0.2~6.9KPa(2~69mbar)	-45~260℃
DHF20	2”(DN50)~12"(DN300)	6.9~100KPa(69~1000mbar)	
DHF30	2”(DN50)~12"(DN300)	0.2~6.9KPa(2~69mbar)	
DHF40	2”(DN50)~12"(DN300)	6.9~100KPa(69~1000mbar)	

Material

Body	Seat/Pallet	Trim Sealin	Fastener	Counterweight	Sealing Gasket
Aluminum Stainless Steel Carbon Steel	Stainless Steel Aluminum	FEP Teflon Buna-N	alvanized Carbon Steel Stainless Steel	Galvanized carbon steel Stainless steel Aluminum Resin coated stainless steel	Buna-N Teflon Viton



Key Parameter List

Model	Inlet Connection In(mm)	Outlet Connection mm	A Total Length mm	H1 Total Height mm	H2 Total Height mm	D Center Length mm	E Center Height mm
DHF10 DHF20	2(50)	50	177	207	Variable Value	110	125
	3(80)	80	202	242		127	147
	4(100)	100	237	295		146	171
	6(150)	150	294	386		176	226
	8(200)	200	354	465		207	257
	10(250)	250	397	534		232	287
	12(300)	300	504	617		288	328

Model	Inlet Connection In(mm)	A Total Length mm	H3 Total Height mm	H4 Total Height mm
DHF30 DHF40	2(50)	179	140	Variable Value
	3(80)	198	172	
	4(100)	241	198	
	6(150)	331	274	
	8(200)	470	352	
	10(250)	500	435	
	12(300)	610	488	

**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.*