

Type DHV 2362

(Variable setting)

In-line Valve

In-line automatic weightloaded pressure/vacuum valve operating through the header. Type DHV has the option of different pressure settings and is designed for use on high vapor pressure applications. Care is needed in regard of loading limits with high gravity cargoes when high setting is applied.



Type DHV valve is a combined pressure/vacuum valve, designed to relieve pressure and vacuum during loading, discharge, voyage (thermal variation and sloshing) and ballasting. Cargo operation is possible with the valve in automatic or manual position provided that the IG pressure is monitored to maintain minimum pressure. Downstream outlet to be through an approved device to prevent the passage of flame according to IMO MSC/Circ.677 like type EPV. The valve has the option of different pressure opening settings which are interchangeable after installation simply by changing the spring. The length of the spring is below the crucial value where bending may occur, but is nevertheless fully guided and supported.

*In-line pressure/vacuum valve
type DHV 2362*

Features of type DHV 2362:

- Different opening settings
- Automatic or manual operation
- IMO approved solution with end-of-line protection
- Checklifts are standard
- Available in materials compatible with any cargo
- Rigid design and construction
- Reliable operation
- Easy maintenance

Options: See specification

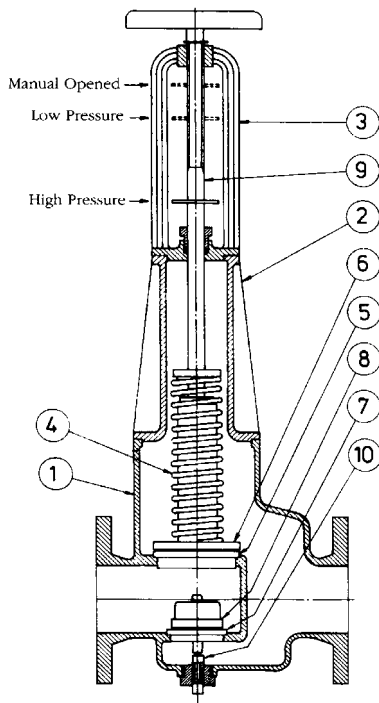
In-line automatic weightloaded pressure/vacuum relief valve with adjustable set pressure

Specifications	
Type:	DHV 2362
Dimensions:	See drawing No. 2362
Settings:	To fit application
Accuracy:	± 2%*
Ice layer:	Not applicable
Pressure drop in excess of set-pressure:	Yes
Valve type:	Modulating
Materials:	Cast iron, nodular iron, bronze, stainless steel

Nominal sizes
ND50 - 400
Options
Proximity switches, heating jacket, soft PTFE seats, drainage

Certification
Approved for installation when in combination with certified device to prevent the passage of flame at the outlet to atmosphere according to IMO MSC/Circ.677
All Pres-Vac products are type approved by the leading classification societies and by relevant flag state administrations. Upon request certified copies of certificates will be furnished.

*Spring lifetime is more than 10 years for normal operation.



Item	Description
1	Valve body
2	Spring housing
3	Top cover
4	Pressure spring
5	Pressure seat
6	Pressure disc
7	Vacuum seat
8	Vacuum disc
9	Spindle
10	Vacuum checklift

Type DHV 2362 (shown without drain)

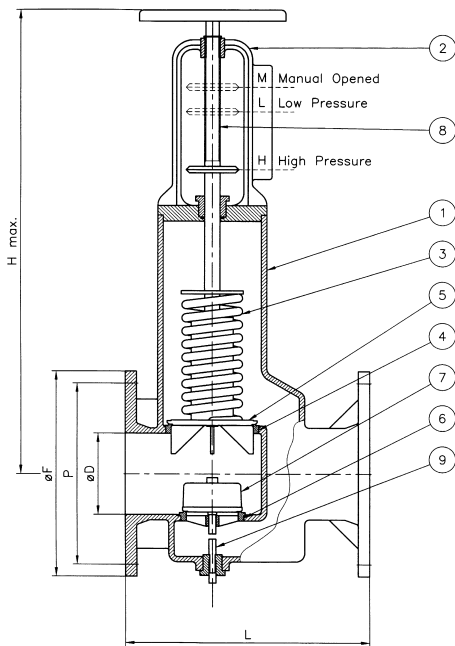
Available with any connection and in any material requested. Please ask for detail drawing and performance data sheets for any specific model and type.

drwg. no.:	2362
date:	970326
model:	-
drw. rev.:	1
drwg.:	KL
scale:	-
material:	-

Type DHV

Pressure/vacuum valve, variable pressure opening settings

This drawing is for guidance only. Other sizes, materials, flange standards, settings, and versions are available. Request a specific quotation or approval drawing before implementing data.



					Other flange standards available		
16	400	330	585		565	515	16xø25
12	300	295	505		445	400	12xø22
10	250	250	450		395	350	12xø22
8	200	205	370		340	295	8xø22
6	150	160	290		285	240	8xø22
5	125	145	240		250	210	8xø18
4	100	135	195		220	180	8xø18
3	80	115	175		200	160	4xø18
2½	65	105	150	620	185	145	4xø18
2	50	100	140		165	125	4xø18
ød inch	ød mm	A mm	B mm	H mm	øF mm	P-mm	Holes drilling

Parts list

Item	Description	Spec. 1	Spec. 2	Spec. 3
1	Valve body	Stainless steel	Cast iron	Cast iron
2	Top cover	Stainless steel	Cast iron	Cast iron
3	Pressure spring	Stainless steel	Stainless steel	Stainless steel
4	Pressure seat	Stainless steel	Stainless steel	Bronze
5	Pressure disc	Stainless steel	Stainless steel	Bronze
6	Vacuum seat	Stainless steel	Stainless steel	Bronze
7	Vacuum disc	Stainless steel	Stainless steel	Bronze
8	Spindle	Stainless steel	Stainless steel	Brass
9	Check lift	Stainless steel	Stainless steel	Stainless steel

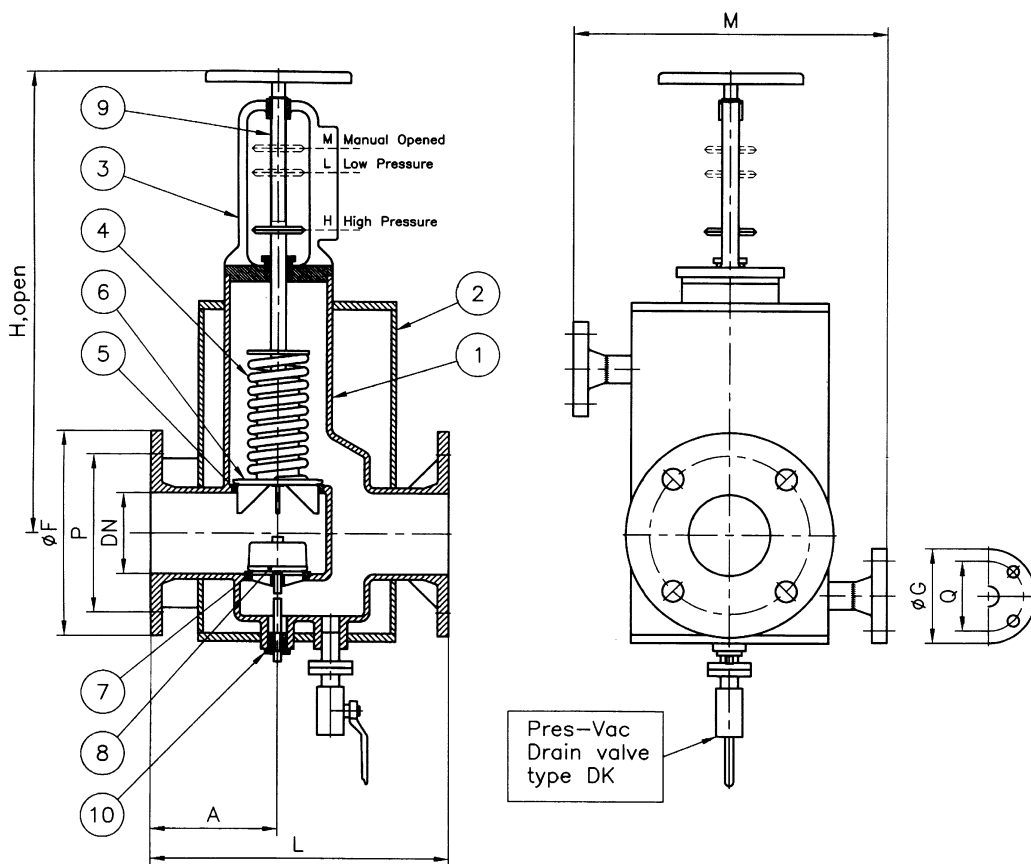
drwg. no.:	2362
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model:	-
drw. rev.:	2
drwg.:	AP
scale:	-
material:	-

Type DHV

Pressure/Vacuum valve with variable pressure settings & heating jacket

This drawing is for guidance only. Other sizes, materials, flange standards, settings, and versions are available. Request a specific quotation or approval drawing before implementing data.

									Other flange standards available		
2 1/2	65	125	295	470	620	115	85	4xø14	185	145	4xø18
DN inch	DN mm	A mm	L mm	M mm	Hopen mm	°G mm	Q-mm drilling	Holes	°F mm	P-mm drilling	Holes



Parts list

Item	Description	Spec. 1	Spec. 2	Spec. 3
1	Valve body	Stainless steel	Cast iron	Cast iron
2	Heating jacket	Stainless steel	Steel	Steel
3	Top cover	Stainless steel	Cast iron	Cast iron
4	Pressure spring	Stainless steel	Stainless steel	Stainless steel
5	Pressure seat	Stainless steel	Stainless steel	Bronze
6	Pressure disc	Stainless steel	Stainless steel	Bronze
7	Vacuum seat	Stainless steel	Stainless steel	Bronze
8	Vacuum disc	Stainless steel	Stainless steel	Bronze
9	Spindle	Stainless steel	Stainless steel	Brass
10	Check lift	Stainless steel	Stainless steel	Stainless steel