

# Type M6 2288

## Waterproof Valve

**End-of-line combined pressure/vacuum valve/aircap used for void spaces and other enclosed spaces required to be inerted, however, situated where subjected to seawater.**

Type M6 is a conventional, modulating end-of-line pressure/vacuum valve integrated with an aircap to prevent water from entering the protected tank when the valve is flooded. Typical installation is for void spaces next to Propylene Oxide tanks (installed where subjected to waves) and ballast tanks with provisions to be inerted, for instance, on double hull tankers. If a traditional double hull is to be inerted, the inert gas will quickly escape through the normal aircaps. Type M6 is not approved as a device to prevent the passage of flame and therefore not approved for installations where cargo vapor contamination is foreseen to occur as a regular part of operations.



*Combined pressure/vacuum valve and aircap type M6 2288. Version displayed without lifting gear*

### Features of type M6 2288:

- Positively closed mode
- Automatic mode
- Lifting gear for forced open vacuum valve
- Rigid design and construction
- Reliable operation
- Easy maintenance
- Water entry preventing
- Low leakage to reduce inert gas consumption

*Options: See specification*

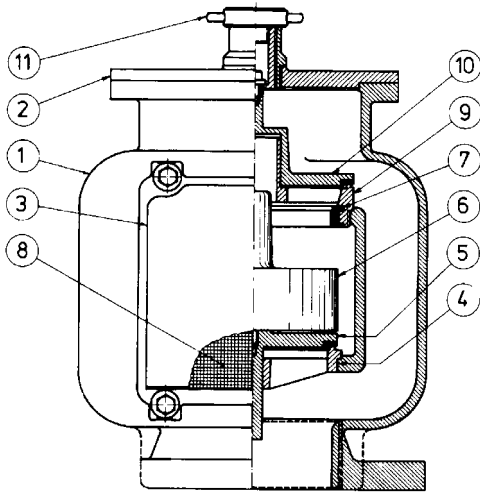
# Combined pressure/vacuum valve and aircap

<b>Specifications</b>	
<b>Type:</b>	M6 2288
<b>Dimensions:</b>	See drawing no. 2288
<b>Accuracy:</b>	+/- 5%
<b>Settings:*</b>	To fit application. See certification curves
<b>Ice layer:</b>	Not applicable
<b>Capacities:</b>	See certified curves
<b>Pressure drop in excess of set-pressure:</b>	Yes
<b>Valve type:</b>	Modulating
<b>Inclination:</b>	40 ° without losing aircap function

<b>Nominal sizes</b>
ND50 - 200

<b>Certification</b>
Class approved for installations on void spaces and ballast tanks. 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.

\*Should be as low as possible to gain capacity



Type M6 2288

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

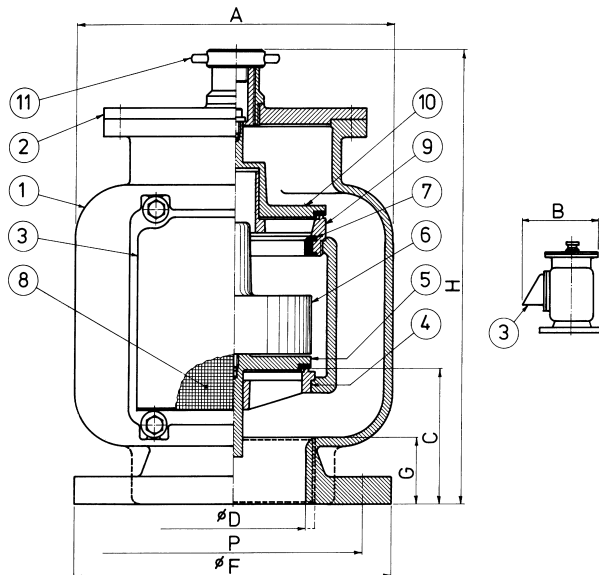
Item	Description
1	Valve body
2	Top cover
3	Side cover
4	Pressure seat
5	Pressure disc
6	Float
7	Seat for float
8	Protecting screen
9	Vacuum seat
10	Vacuum disc
11	Lifting gear, optional

drwg. no.: 2288	
date:	drwg.:
model:	scale:
drw. rev.: 1	material:

# Type M6

Automatic waterproof pressure/vacuum valve

Flange or Female thread	8	7	6	5	4	3	2 1/2	2							
	200	175	150	125	100	80	65	50	450	435	525	205	340	295	8x°22
	°D	°D	A	B	H	C	G	°F	P-mm	Holes					
	inch	mm	mm	mm	mm	mm	mm	mm	mm	drilling					



**Opening standard:**  
 Pressure: 100-150 mm W.G.  
 Vacuum: 80-100 mm W.G.

**Parts list**

Item	Description	Spec. 1	Spec. 2	Spec. 3
1	Valve body	Cast iron	Cast iron	Bronze
2	Top cover	Cast iron	Cast iron	Bronze
3	Side cover	Cast iron	Cast iron	Bronze
4	Pressure seat	Bronze	Stainless steel	Bronze
5	Pressure disc	Bronze	Stainless steel	Bronze
6	Float	PE	PE	PE
7	Seat for float	Neoprene	Neoprene	Neoprene
8	Protecting screen	Stainless steel	Stainless steel	Stainless steel
9	Vacuum seat	Bronze	Stainless steel	Bronze
10	Vacuum disc	Bronze	Stainless steel	Bronze
11	Lifting gear, optional	Brass	Stainless steel	Brass

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.