PV VALVE

Stainless Steel PV Valve with Gas Freeing Cover

ISO9001 Supplier

Class Certificate

Export Supply

Marine PV valve(pressure/vacuum valve for cargo oil tank)is also called as high-velocity relief valve, high velocity P/V valve, generally used in the relief system of the oil tanker and chemical tanker, according to the ...



Key Highlights

Category	PV VALVE
Standard	JIS
Material	SUS304, SUS316
Weight / Size	Marine Size List(mm):
Certificate	CCS, BV, ABS, RMRS

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

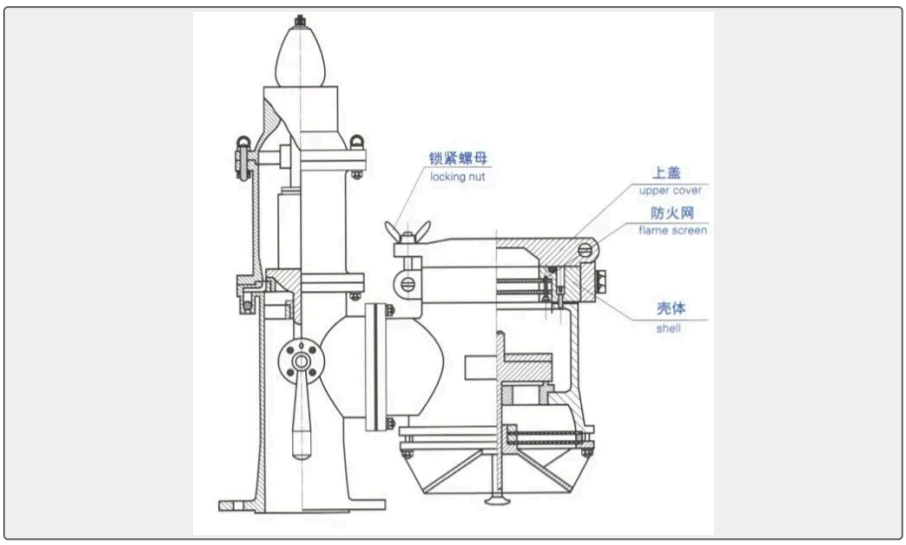
Technical Specifications

Category	PV VALVE	**Model / SKU**	Stainless-Steel-PV-Valve-with-Gas-Freeing-Cover
Standard	JIS	**Material**	SUS304, SUS316
Weight / Size	Marine Size List(mm):	**Certificate**	CCS, BV, ABS, RMRS
Warranty	12 Months unless specified otherwise	**Origin**	China

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China Stainless Steel PV Valve with Gas Freeing Cover:



Marine PV valve(pressure/vacuum valve for cargo oil tank)is also called as high-velocity relief valve, high velocity P/V valve, generally used in the relief system of the oil tanker and chemical tanker, according to the current regulations IMO and IBC.The purpose of the high velocity valve is to provide automatic control of pressure differentials during liquid cargo ship loading, voyage,ballasting and de-ballasting without any manual operation, also, it provides auto-protection against fire and explosions on deck. Additionally in the event that the inert gas system can not supply gas promptly, the vacuum valve can auto open to protect the tank against excessive vacuum when de-ballasting on dock. Normal, when the pressure risen in tank because of temperature or loading, the pressure valve open automatically and vent gas. When the pressure of tank come to pressure differentials, the vacuum valve or pressure valve all can be automatic resetted. If an ignition occurs outside the tank space, the flames will be quenched in the flame trap.

A gas freeing cover is necessary while doing other works fo the tank such as cleaing, removing the gas. Becaues such works needs ventilation and the pressure can not work when the pressure is not low or without pressure.

The pressure valve can not be opened manually, and it works with the velocity oof not smaller than 30m/s.

Specification:

Material: Cast Steel or Stainless Steel

Flange Standard: GB, JIS, DIN, ANSI, BS

Opening Pressure of Vacuum Valve: -3.5kPa

Opening Pressure of Pressure Valve on the oil tank is 14kPa, on the chemical tank is 20kPa.

The opening pressure of the pressure may be different, but the differences of opening pressure and flow range is inapparent if the pressure valves have the same diameter.

Marine Size List(mm):

DN	D2	D1	D	L	H	Assembly hole
250	320	350	395	460	860	12xø22
200	268	295	340	455	850	8xø18
150	202	225	265	385	710	8xø18
125	178	200	240	380	665	8xø18

100	148	170	210	285	565	4xø18
80	128	150	190	285	535	4xø18
65	110	130	160	255	485	4xø14
50	90	110	140	255	485	4xø14

*The flange size in the list as per GB2501.We also can machine the flange as per JIS, DIN, ANSI.