

PV VALVE

High Velocity P/V Valve with
ABS/CCS/BV type approval certificate

High Velocity Pressure/Vacuum Valve for cargo oil tank (or High Velocity P/V valve, for short) is generally used in the relief system of the oil tanker and chemical tanker, according to the current regulations IMO and IB...

ISO9001 Supplier

Class Certificate

Export Supply



Key Highlights

Category	PV VALVE
Standard	JIS
Material	Cast Steel or Stainless Steel
Certificate	ABS, BV, CCS, RMRS

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

Technical Specifications

Category	PV VALVE	Model / SKU	High-Velocity-P-V-Valve-with-ABS-CCS-BV-type-approval-certificate
Standard	JIS	Material	Cast Steel or Stainless Steel
Certificate	ABS, BV, CCS, RMRS	Warranty	12 Months unless specified otherwise
Origin	China		

CONTENTS

- China High Velocity P/V Valve with ABS/CCS/BV type approval certificate:
- Specification:

China High Velocity P/V Valve with ABS/CCS/BV type approval certificate:

High Velocity Pressure/Vacuum Valve for cargo oil tank (or High Velocity P/V valve, for short) is 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.

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.

*When the liquid cargo ships need to load the goods of the propylene oxide class, with the stainless steel high-velocity P/V valve. The valve manufacturing materials for 304, 304L, 316L quality stainless steel, pressure valve opening pressure is generally set at 60KPa vacuum valve.

Certificate:

CCS, BV, ABS type approval certificate and product certificate