

PV VALVE

TQF Series High Velocity Pressure Vacuum Relief Valve

High Velocity Pressure Vacuum Relief Valve is installed on the liquid cargo ship and provides automatic control of pressure difference during loading, voyage, ballasting and de-ballasting without manual operation. Furthe...

ISO9001 Supplier

Class Certificate

Export Supply



Key Highlights

Category	PV VALVE
Standard	DIN
Material	Cast Steel, Nodular Iron, Stainless Stainless
Certificate	CCS

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

Technical Specifications

Category	PV VALVE	Model / SKU	TQF-Series-High-Velocity-Pressure-Vacuum-Relief-Valve
Standard	DIN	Material	Cast Steel, Nodular Iron, Stainless Stainless
Certificate	CCS	Warranty	12 Months unless specified otherwise
Origin	China		

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China TQF Series High Velocity Pressure Vacuum Relief Valve:

High Velocity Pressure Vacuum Relief Valve is installed on the liquid cargo ship and provides automatic control of pressure difference during loading, voyage, ballasting and de-ballasting without manual operation. Furthermore, the hight velocity valve provides active protection against fire and explosion on the deck.

The pressure or vacuum generated in the cargo tank is over the setting pressure, the pressure valve will exhaust automatically and the vacuum valve will inhale until the pressure difference between the outside and the inside of tank restores to the preset level. When the suction valve works, if the ignition occurs outside the tank space, the flames will be quenched in the flame trap. When the vent valve works, if the ignition occurs outside the tank space, the flames will be quenched by the high velocity airflow from the vent valve.

Certificate:

CCS Type Approval Certificate

Material:

Cast Steel, Nodular Iron, Stainless Stainless (304, 316, 316L)

Specifications:

Type	Desinged Opening Pressure (Kpa)		Rated Working Pressure (Kpa)		Velocity (m/s)	Flow Rate(m3/h)	
	Pressure Valve	Vacuum Valve	Pressure Valve	Vacuum Valve		Pressure Valve	Vacuum Valve
TQF-50	14±10%	-3.5±20%	~21	-7	≥30	800	400
TQF-80						1000	700
TQF-100						1200	800
TQF-125						1600	1300
TQF-150						2000	1300
TQF-200						2300	2500