



Shanghai Tianfa Trading Co., Ltd.

E-mail: sales@tianvalve.com

Address: Road318, Nanxiang Town,
Jiading District, Shanghai

Middle temperature and pressure impulse safety device (H series)

Performance criterion

Nominal Pressure (Mpa)	Nominal Diameter (mm)	Test pressure		Max. Working Pressure (MPa)	Max. Working Temperature (°C)	Weight (Kg)
		Strength	Seal			
10.0	150	15.0	4.0	4.0	≤450 ≤540	202

Main part material

1. Main safety valve

Name of Parts	1	2	3	4	5	6	7
Material	Body	Disc	Stem	Seat	Spring	Bonnet	Piston
A49Y-10	Carbon Steel	Carbon Steel	Nitriding Steel	Carbon Steel	Spring Steel	Carbon Steel	Stainless Steel
A49Y-10V	Cr Mo V Steel	Cr Mo V Steel	Nitriding Steel	Cr Mo V Steel	Spring Steel	Cr Mo V Steel	Stainless Steel

Impulse safety valve

Part number	Name of parts	Material	
		A49Y-10	A49Y-10V
1	Body	Carbon steel	Cr Mo V steel
2	Bonnet	Carbon steel	Cr Mo V steel
3	Disc	Stainless steel	Cr Mo V steel
4	Stem	Stainless steel	Stainless steel
5	Guide sleeve	Stainless steel	Stainless steel
Weight		73.6	