



Shanghai Tianfa Trading Co., Ltd.

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**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	$\leq 450$ $\leq 540$	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	