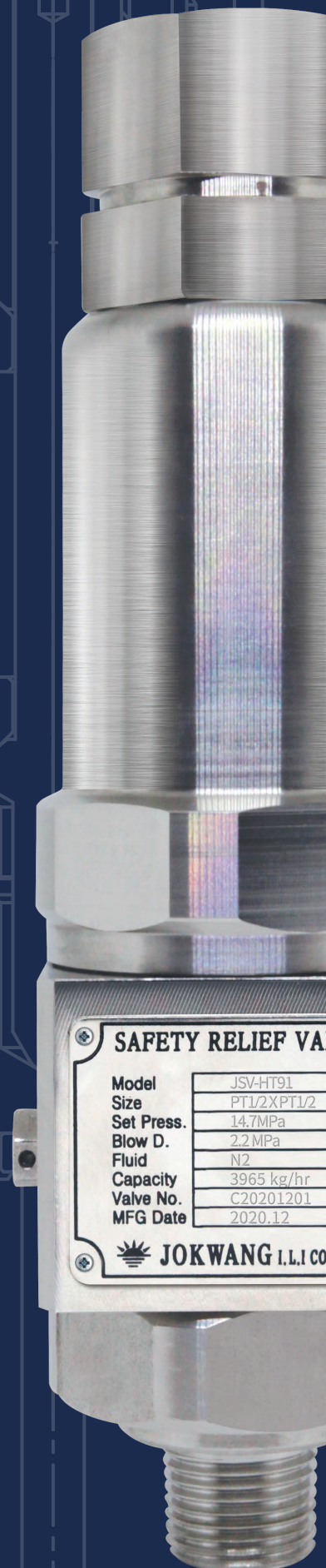


ULTRA HIGH PRESSURE SAFETY RELIEF VALVE



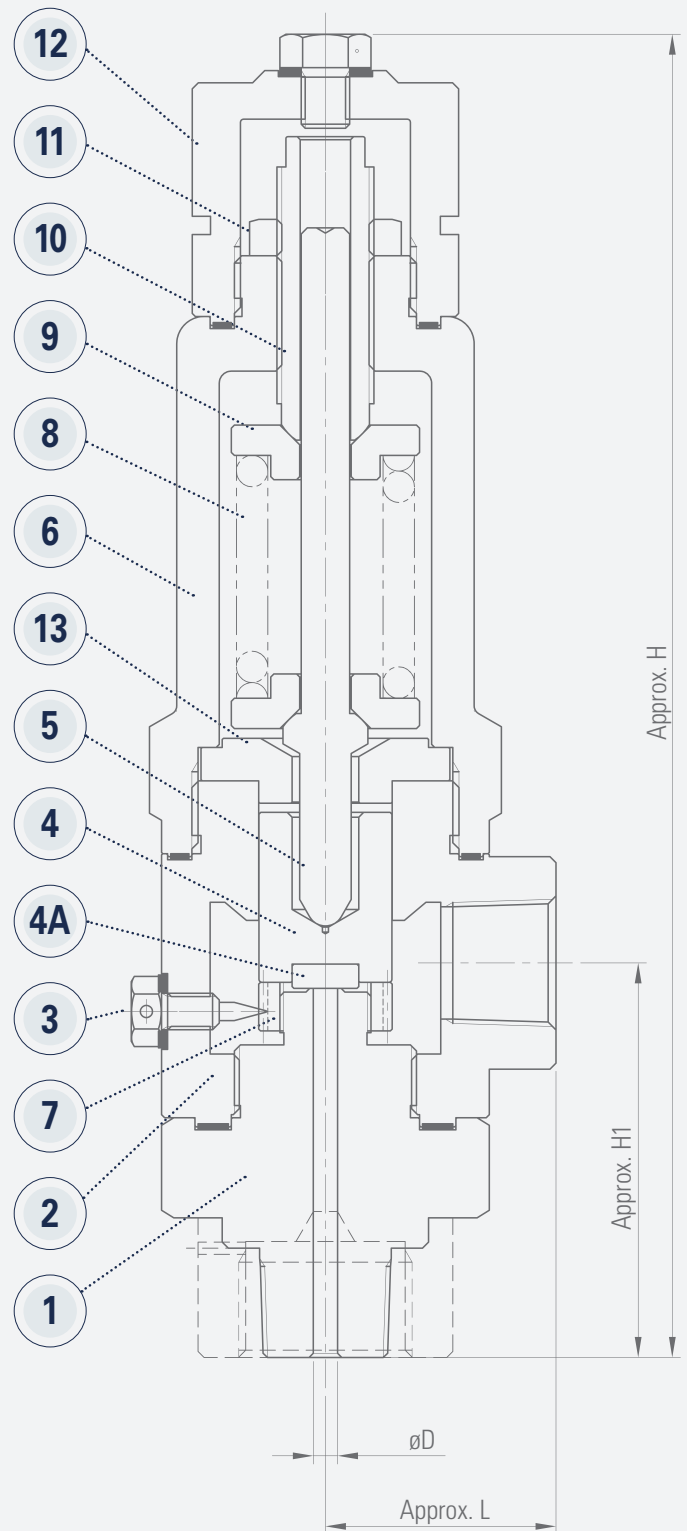
JSV-HT91

Ultra High Pressure Safety Relief Valve

JSV-HT91 is a safety relief valve that has excellent driving performance through soft material and lift limiting structure and is applicable to special environments such as high pressure, low temperature, and explosive toxic gas.

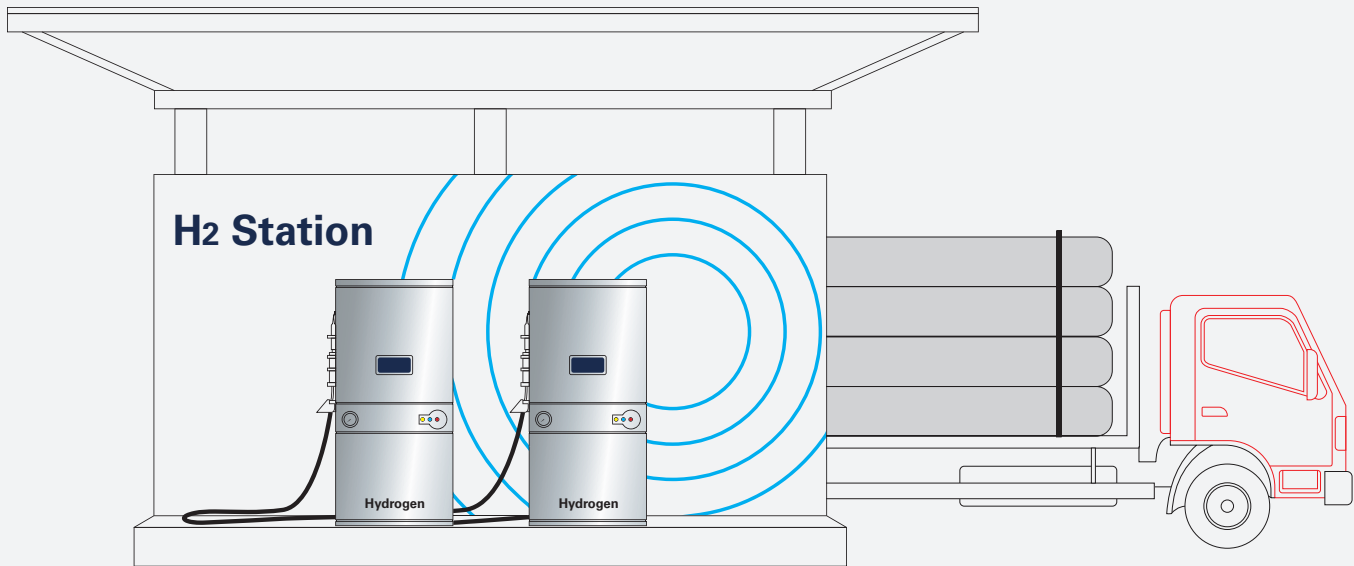
Specification

Component	316/316LSS & Engineering Plastic
Pressure	Max. 100 MPa
Temperature	-40~100 °C
Fluid	H ₂ , N ₂ , He, etc.
Connection	PT, NPT, UN UNF, Flange etc.
Inspection	KGS



PT

UNF



Dimension

No.	Name	Material
1	Body	316/316L
2	Casing	316/316L
3	Set Screw	316/316L
4	Disc Holder	316/316L
4A	Disc	Engineering Plastic
5	Stem	316/316L
6	Bonnet	316/316L
7	Adjust Ring	316/316L
8	Spring	316/316L
9	Spring Seat	316/316L
10	Adjust Screw	316/316L
11	Lock Nut	316/316L
12	Cap	316/316L
13	Stopper	316/316L

Inlet	1/2" ~ 1-1/8" / PT, NPT, UN, UNF			
Outlet	1/2" / PT, NPT			
D(mm)	6.5	4.0	3.0	3.0
Lift(mm)	1.5	0.9	0.7	0.7
L(mm)	40	40	40	40
H1(mm)	65	65	65	65
H(mm)	220	220	220	245
Set Press.(MPa)	10.1~20.0	20.1~40.0	40.1~65.0	65.1~100

Reference

Test Standard : KGS AA319 (Standards for Facility, Technology, Inspection, and Reinspection of Manufacturing High-pressure Gas Safety Valve)

Criteria		Content	Standard
Leakage Test		Under 90% of Set Pressure	No Leakage
Operating Performance	Tolerance of Start to Discharge Pressure	Over 0.7MPa (set pressure)	±3%
	Blowdown Pressure	0.3MPa < Relieving/Setting pressure	Less than 15%

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