



ASV170

Slam Shut Valve -
Over Pressure Protection
(DN15)



YOUR CREATIVE ENGINEERING PARTNER

ASV170

Slam Shut Valve - Over Pressure Protection

Series ASV170 is a Slam Shut Valve for use in high pressure gas systems to provide over pressure protection based on pressure containment rather than relief.

The Valve is typically installed upstream of a pressure regulator and will sense the downstream pressure. Set pressure is via an in-built relief device, when the pressure exceeds the set limit the valve slams shut at high speed, preventing further over pressurisation.

Manual reset is possible via a push button situated under a protection cap on the top of the valve. Reset should only be attempted once the cause of the over pressure has been rectified. The valve can be re-set remotely and is suitable for inlet pressure up to 780 barg.



HIGHLIGHTS

- > Conforms to Pressure Equipment Directive 97/23/EC (PED) - Cat IV
- > Automatic shut-off operation, independent of electronic control systems.
- > Connections via adaptors with either industry standard threaded ports, brazed or weld stub connections
- > Standard set pressure up to 250 barg

IDEAL USES

- > Pressure Reduction Systems
- > Gas Systems
- > Mobile or Static Gas Storage Vessels

Maximum
Working Pressure
780 barg
(11,350 psig)

Medium
HYDROGEN

FEATURES AND SPECIFICATIONS

Factory Set

- > Set and tested at customer-defined Pressure

Flanges and Adaptors

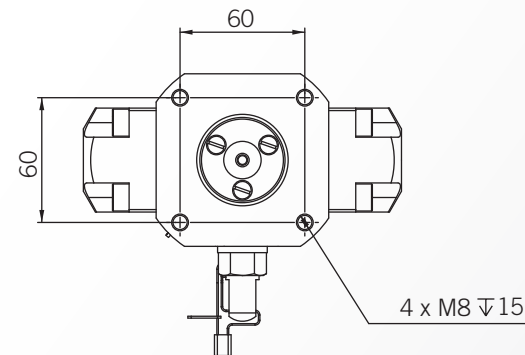
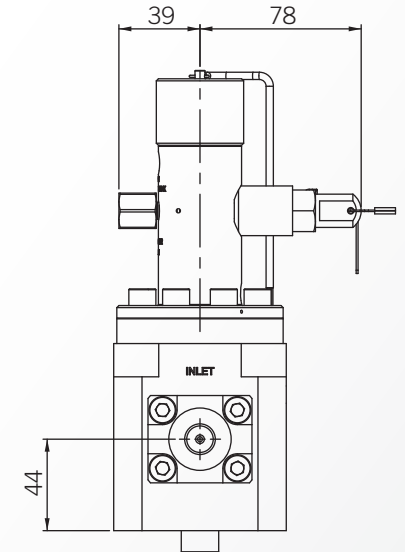
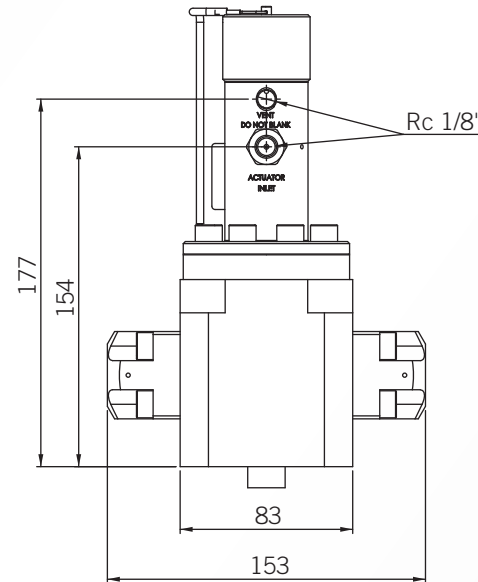
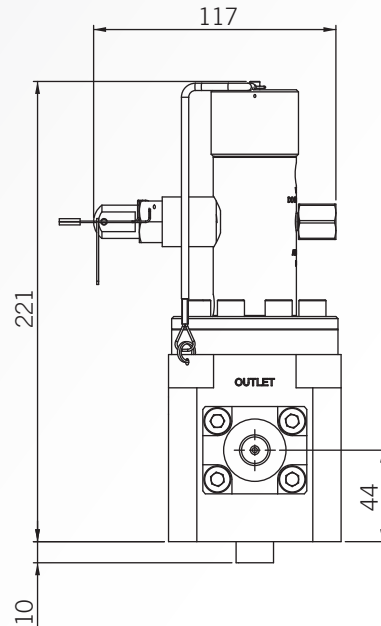
- > Different flanges/adaptors/weld stubs are available to suit your specific need



PRODUCT SPECIFICATION DATA

Nominal Bore	DN15
Orifice Size	11mm
Cv	4.5
Inlet Rating	780 barg (11,350 psig)
Sensing Port	Rc (BSPT) 1/8
Vent Port	Rc (BSPT) 1/8
Medium	Hydrogen
Set Ranges (barg)	50 – 250
Temperature Range	-40°C – +65°C
Weight	3.9 kg
Leakage	Bubble Tight
Valve Body Material	Stainless Steel 316L
Seal Material	PEEK, HNBR, PTFE, Nitrile

PRODUCT ORDERING & DIMENSIONS (IN MM)



PRODUCT ORDERING INFORMATION

When placing an enquiry please advise the following:

- > Flange Type
- > Set Pressure