



# ASV158 SERIES

Balanced Actuated  
Stop Valve – 1/2  
(DN15)



**YOUR CREATIVE ENGINEERING PARTNER**

# ASV158 SERIES

## Balanced Actuated Stop Valve – DN15

ASV158 are body ported, pneumatically actuated stop valves. They are a good solution for use with non-oxidising and non-corrosive gases in high pressure & Vac/Vent applications, where tight shut off is required. The ASV158 Mk1 OXB is suitable for use with Medical and industrial oxygen & inert gases.

### HIGHLIGHTS

- > Conforms to pressure equipment directive 97/23/EC (PED)
- > ASV158 Mk1/OXB has been adiabatically shock tested by CTE to EN ISO 7291
- > Polymer seat provides tight shut off
- > Bi-directional operation
- > Connection via adaptors which either have industry standard threaded ports, or can be brazed or welded to pipework.
- > Normally closed or normally open
- > The actuator can be rotated in 90° increments
- > Optional ATEX proximity sensors for indication of valve position
- > Mechanical indication of valve position with optional fine dust protection

### IDEAL USES

- > CNG & O2 high pressure gas trailers
- > Automatic oxygen cylinder filling systems
- > CNG & O2 gas control panels
- > High pressure gas test rigs



Maximum Inlet  
**420**  
barg  
(6,090 psig)

Fail  
**Open or  
Closed**  
Variants

Cv  
**5.5**

## FEATURES AND SPECIFICATIONS

### Visual Indicator

> Indication of Open/Closed position

### Balanced Spool Assembly

### Enclosed Spring Chamber

> To avoid atmospheric corrosion and contamination ingress

### Optional Top and Bottom Indicator Switches

### Range of Port Configurations Available



## PRODUCT SPECIFICATION DATA

	ASV158
<b>Function</b>	Actuated Stop Valve
<b>Media</b>	Medical Oxygen & Non – Oxidising Gases
<b>Inlet Rating</b>	420 barg (6,090 psig)
<b>Actuator Pressure</b>	6 to 10 barg
<b>Nominal Bore (mm)</b>	13
<b>Flow Factor (Cv)</b>	5.5
<b>Leakage (seat)</b>	Bubble Tight
<b>Temperature Range</b>	-10°C to +70°C
<b>Flange (option)</b>	Refer to Flange Connector Brochure
<b>Actuator Ports</b>	Rc 1/8 (1/8" BSP Taper) Female
<b>Materials</b>	Brass Body
<b>Weight</b>	8 Kg

## PRODUCT ORDERING CODES - ASV158

VALVE ORDER CODES	ASV158 MK1 BRASS BODY	ASV158 MK1/OXB BRASS BODY (OXYGEN)
Normally Closed	N107833/1	N108633/1
Normally Open	N107833/2	N108633/2
Normally Closed - Covered Indicator	N107833/3	N108633/1/1
Normally Open - Covered Indicator	N107833/4	N108633/2/1
Normally Closed - Covered Indicator - Actuator & Switch Cap Rotated	N/A	N108633/1/2
Adaptor Mounting Kit (1 Adaptor Kit for Each Adaptor)	K2409	XK2401
Adaptor (2 required)	Choose from adaptor options - see separate data sheet	
Electrical Indicator	1 off BO21551 for each ATEX cat 2, SIL 2 switch required	
Electrical Cable	1 off BO21324 for each switch	
Assembly	Parts can be supplied separately or assembled onto valve. Please specify on Order	

### PRODUCT ORDERING INFORMATION

**When placing an enquiry please advise the following:**

- > Ordering Code
- > Gas Type

# PRODUCT DIMENSIONS (IN MM)

