

ASV158 SERIES

Balanced Actuated Stop Valve – 1/2 (DN15)



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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 barg (6,090 psig)

Fail Open or Closed **Variants**





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

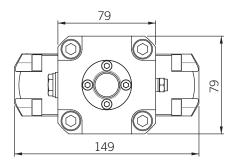
PRODUCT ORDERING INFORMATION

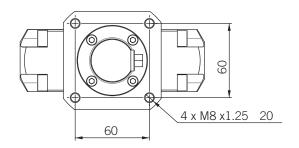
When placing an enquiry please advise the following:

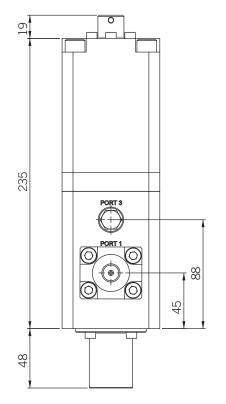
- > Ordering Code
- > Gas Type

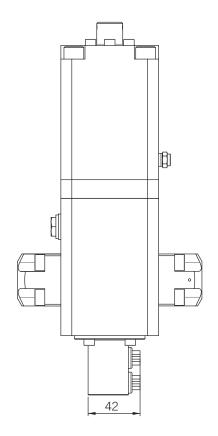


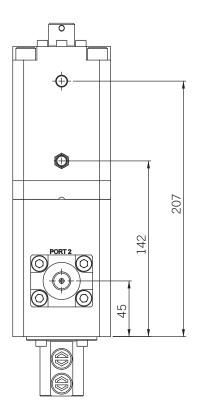
PRODUCT DIMENSIONS (IN MM)













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