



# BPMV700

Back Pressure  
Maintaining Valve  
(DN15)



**YOUR CREATIVE ENGINEERING PARTNER**

# BPMV700

## Back Pressure Maintaining Valve

BPMV700 Back Pressure Maintaining Valve is designed to close when the upstream pressure falls below the set point thus maintaining a set residual pressure in cylinders, compressors etc. Set point is factory set.

### HIGHLIGHTS

- > High flow capacity
- > Available with a range of port connections via addition of zero clearance flanges

### IDEAL USES

- > Residual pressure applications, ensuring a minimum pressure is maintained upstream of the valve



Size  
**DN15**

Maximum Working Pressure:  
**700** barg  
(10,100 psig)

Standard Set Pressures:  
**5 to 25** barg  
(72 to 362 psig)

# ORDERING INFORMATION

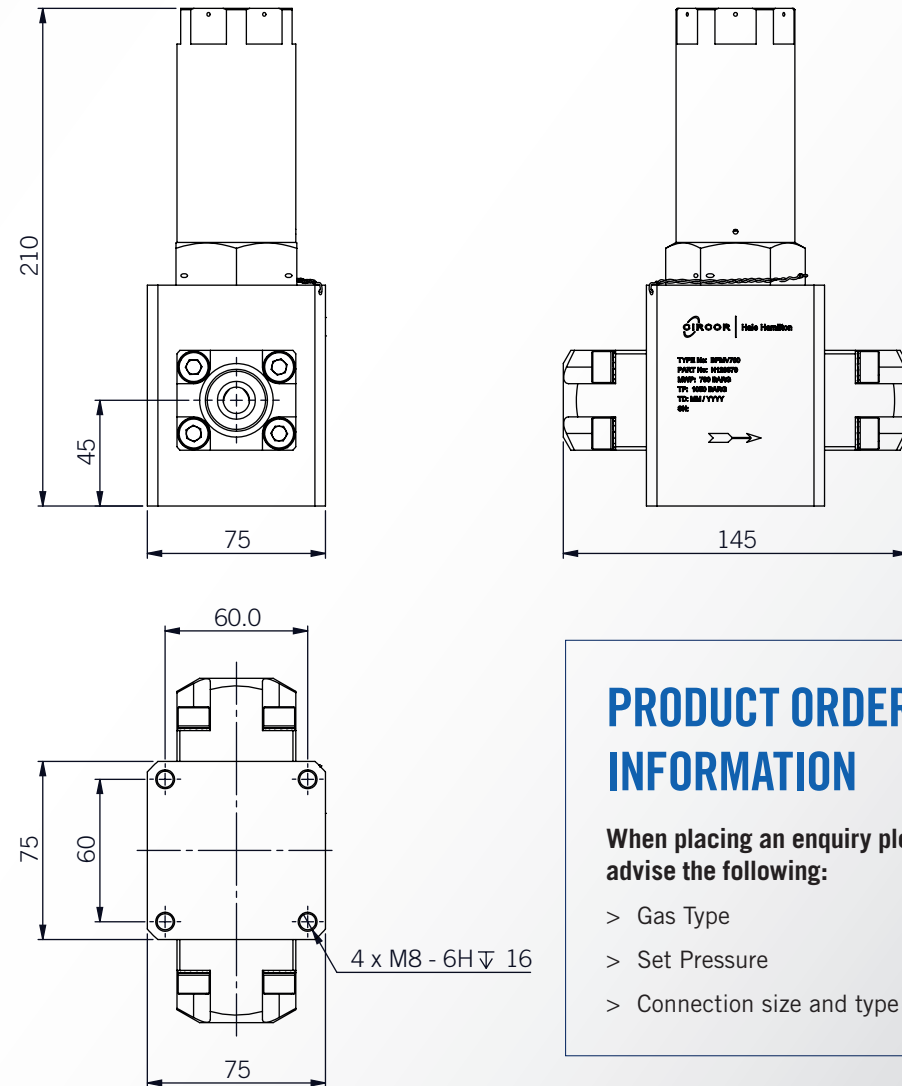
BPMV	700	15	A	A	H	K		
Type	Pressure Category	Series (Nominal Size)	Port Type (Inlet)	Port Type (Outlet)	Elastomer Type	Seat Material	Special Cleaning	Special Feature
Mandatory	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory	Omit If Not Used	Omit If Not Used
<b>BPMV</b>	<b>700 High Pressure (700 barg)</b>	<b>'15' (1/2)</b>	<b>'X' No Flanges</b>	<b>'X' No Flanges</b>	<b>'H' HNBR</b>	<b>K PCTFE</b>	'1' Oxygen Clean	'XX' Special Features (alternative materials, etc. New codes allocated on client request)
			<b>'A' 1/2" NPT</b>	<b>'A' 1/2" NPT</b>			'2' Breathing Air Service	
			<b>'D' 1/2" BSP - 380 only</b>	<b>'D' 1/2" BSP - 380 only</b>				
			<b>'F' 3/4" Medium Pressure</b>	<b>'F' 3/4" Medium Pressure</b>				
			<b>'J' 3/4" XXS BUTT WELD</b>	<b>'J' 3/4" XXS BUTT WELD</b>				
			<b>'K' 9/16" MP (13/16UN)</b>	<b>'K' 9/16" MP (13/16UN)</b>				

## OTHER OPTIONS

A range of threaded / weld stub connections is available

PRODUCT SPECIFICATION DATA	BMPV
Nominal Bore	DN15
Inlet Rating	700 barg (10,100 psig)
Ports	Flanged
Cv	4.5
Medium	Industrial Gases Including Hydrogen
Set Pressure Range	5 to 25 barg (72 to 362 psig)
Temperature Range	-40°C - +65°C
Weight	3.9kg
Leakage	Bubble Tight
Main Body Material	Stainless Steel
Upper Body Material	Nickel Aluminium Bronze
Seals Material	PCTFE, HNBR

## PRODUCT DIMENSIONS (IN MM)



## PRODUCT ORDERING INFORMATION

When placing an enquiry please advise the following:

- > Gas Type
- > Set Pressure
- > Connection size and type