Bifold FluidPower® Limited

Reliability and innovation in directional control valves

MATERIALS OF CONSTRUCTION

All valve bodies:-	316L stainless steel
Internal components:-	316L stainless steel
Seat:-	316L stainless steel / PEEK
Seals:-	Nitrile (standard) / PTFE. Alternative elastomers available for extreme conditions.

TEMPERATURE RANGE:

See elastomer options

MEDIA:

Mineral oils, water glycol mixtures, sea water (filtered), some chemicals.

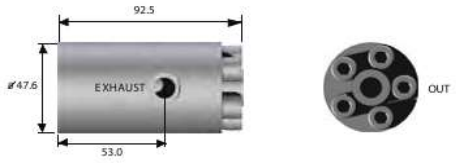
WORKING PRESSURE:

Up to 1035 Bar (15,000PSI).

SOUR GAS SERVICE (REFER TO ORDERING CODE):

All internal wetted and body metal materials conforming to NACE MR-01-75.

QEV15 RANGE

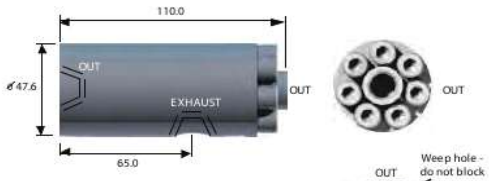


QEV15/04/10/V

Weight:
Approx 1.1 Kg.

Connections:
1/4" NPT





QEV15/38MP/15/V

Weight:
Approx 1.2 Kg.

In + Out -3/8 medium press ure
Exhaust - 1/4 NPT



	Trigger Flow Rate to QEV l/m
QEV15 Standard	1.8
QEV15 Increased Forward Flow	3.6

Trigger Flow Rate: Minimum flow rate required to switch valve to establish a flow from supply to cylinder.

For lower QEV trigger flow rates, contact Bifold Sales Office.

SELECTION CHART:

					Model Code
QEV15					
	04	1/4"NPT			Connections
	06	3/8" NPT, 1/2" NPT exhaust			
	08	1/2"NPT			
	38MP	3/8" MP connections - 1/4" NPT exhaust			
		06	414 bar		Working Press ure
		10	690 bar		
		15	1035 bar (only 38MP)		
			S	Nitrile (-30°C to +130°C)	O-ring Material
			V	Viton (-20°C to +180°C)	
			SA	Low Temp Nitrile (-46°C to +130°C)	
				H2S NACE MR-01-75	Options
				38 3/8" NPT exhaust (only 38MP valve)	
				HF Increased Forward Flow	
QEV15	/ 04	/ 10	/ S	/ H2S	Example Code

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QEV15 PREFERRED RANGE:



QEV15/06/06/S/H2S	414 bar, 3/8" NPT ports H2S compatible
QEV15/04/10/S	690 bar, 1/4" NPT ports
QEV15/08/10/S	690 bar, 1/2" NPT ports
QEV15/38MP/15/S	1035 bar, medium press ure ports (inlet / outlet), 1/4" NPT exhaust