

VI5 Block and bleed valve

The **VI5** valve series provides a safe, simple and unexpensive way for installing gauges, pressure switches, pressure transmitters and indicators.

It combines blocking and purge effects in a single unit, this features are essential for the correct installation of this kind of instruments.

In normal operation, the block valve is open and the bleed one is closed. To unmount the instrument or check the zero, the block valve has to be closed and the bleed open to expel the remaining pressure. Also the threaded purge can be used for contrasting the instrument without unmounting it, with the block valve closed.

Its several threaded outlets allows one or two simultaneous instrument tight connection, whichever be the piping process disposition.

Its studied design is used to obtain less leak risks in the installations with lower labour costs and prices.



if it is required to mount the instrument on a 2" pipe stand, the VI5 can be replaced by the MP / MPR manifold (see catalog M800)



MPR

Characteristics

- Threaded bonnets for blocking and purge. Its "dry thread" system has the packing below the thread to keep it away from the process fluid.
- Back seated stem to prevent blow out risk and to isolate the packing from the process fluid.
- Non rotating tips of different materials and designs.
- Bonnet lock pin to prevent accidental disassembly.
- Male or female process connections
- Replaceable seat on the carbon steel models.
- Available with 2 or 3 outlets.

Specifications

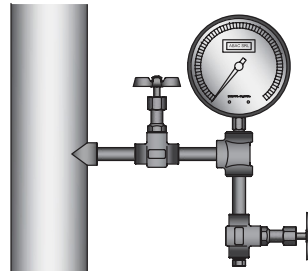
Maximum temperature:

PTFE packing	500 °F
Graphoil packing	930 °F

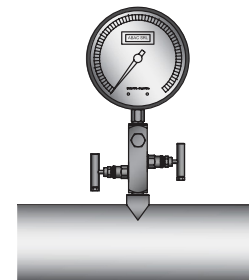
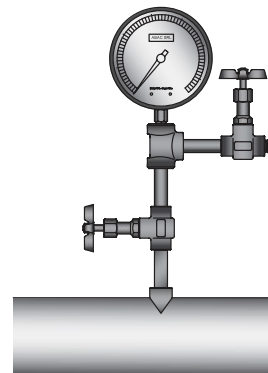
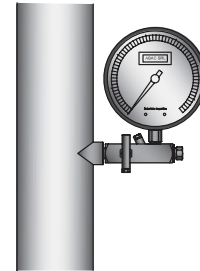
Maximum working pressure @70°F:

Standard	6.000 PSI
Optional	10.000 PSI

Obsolet



With VI5



Standard materials:

Version	Body & bonnet	Stem	Stem tip	Seat	Packing
Carbon steel	Carbon steel	AISI 420	AISI 420 ball	AISI 420 (recambiable)	PTFE/Graphoil
Stainless steel	AISI 316	AISI 316	AISI 316 Conic tip	integral	PTFE/Graphoil
Nace standard	AISI 316	AISI 316	Monel	integral	PTFE/Graphoil

Ordering information

VI5 50M C G-

Model

Options

PC : Strapping option
3S : three outlets
SG : for sour gas
OX : oxigen clean
HS : MWP 10.000 psi
PT : plugged bleed

Connections

(see dimensions table)

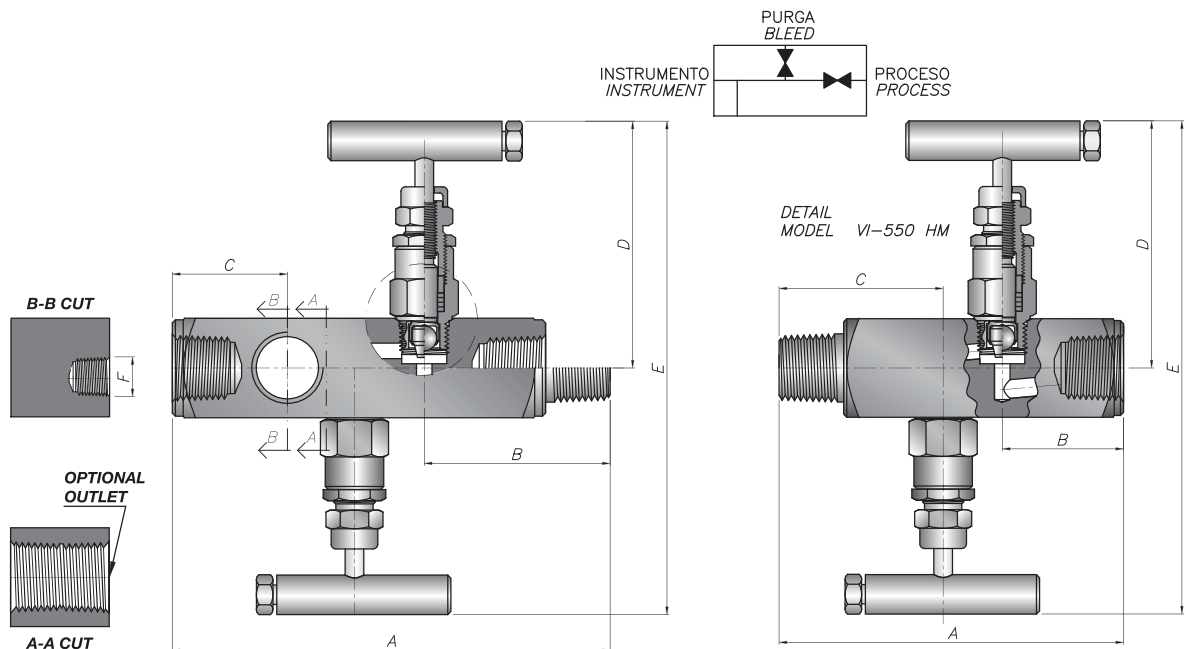
Material

C: Carbon steel
I: Stainless steel

Packing

T: PTFE
G: Graphoil

Installment required measures:



Connections		Model	Dimensions [mm]					Purge F
Inlet	Outlet		A	B	C	D open	E open	
1/4 NPT F	1/4 NPT F	VI525	105	40	27	78	156	1/8NPT
1/4 NPT M	1/4 NPT F	VI525M	113	48	26	78	156	1/8NPT
1/2 NPT F	1/2 NPT F	VI550	120	38	33	80	160	1/4NPT
1/2 NPT M	1/2 NPT F	VI550M	135	53	33	80	160	1/4NPT
1/2 NPT F	1/2 NPT M	VI550HM	110	39	52	80	160	1/4NPT
3/4 NPT F	1/2 NPT F	VI575	125	41	35	82	164	1/4NPT
3/4 NPT M	1/2 NPT F	VI575M	135	53	33	80	160	1/4NPT

Other types of threads on demand.