

VMF MONOFLANGE VALVE

The **ABAC** Monoflange Valve provides a safe, simple and economical method for the direct installation of pressure instruments with a flanged connection to the process.

Combines in a single unit mechanized on a flange the effects of blocking and bleeding, essential for the correct assembly of manometers, pressure switches, transmitters and pressure indicators.

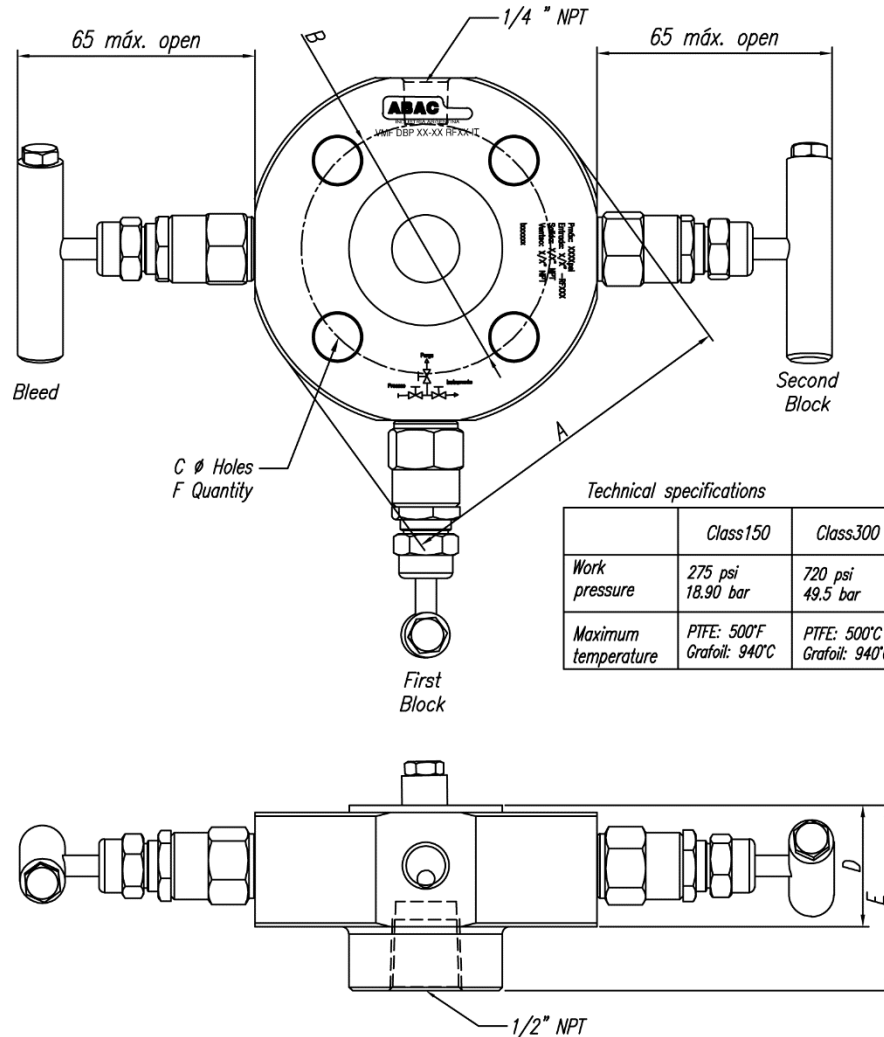
Its design offers a more compact installation, with less possibility of losses and substantial savings, both in assembly labor and in the acquisition cost.

Features:

- Threaded bonnet for blocking and bleed effects. Of the "dry thread" system, which keeps the stem thread isolated from the process fluid.
- Back seated stem to prevent blow out risk and to isolate the packing from the process fluid.
- Non-rotating tip.
- Bonnet lock pin to prevent accidental disassembly.
- Made of AISI 316 stainless steel.
- Compatible with **ASME B16.5** flanges from 1/2" to 2" (DN 15 to DN 50).
- Class RF150 to Class RF1500, up to 2" nominal size.
- NPT F connection for Instrument and Vent.
- Block, block and bleed, and double block and bleed versions.



VMF MONOFLANGE VALVE



Technical specifications

	Class150	Class300	Class600	Class900	Class1500
Work pressure	275 psi 18.90 bar	720 psi 49.5 bar	1440 psi 99 bar	2160 psi 148.6 bar	3600 psi 247.8 bar
Maximum temperature	PTFE: 500°F Grafoil: 940°C	PTFE: 500°C Grafoil: 940°C	PTFE: 500°C Grafoil: 940°C	PTFE: 500°C Grafoil: 940°C	PTFE: 500°C Grafoil: 940°C

Class 150

Nominal flange size (pulg.)	Dimensions mm (pulg.)					Mounting holes
	A	B	C	D	E	
1/2	89 (3.50)	60,3 (2.38)	15,8 (0.62)	41,5 (1.63)	51,5 (2.03)	4
	100 (3.93)	69,8 (2.75)	15,8 (0.62)	34 (1.34)	52 (2.05)	
3/4	108 (4.25)	79,4 (3.12)	15,8 (0.62)	41,5 (1.63)	51,5 (2.03)	
1	127 (5.00)	98,4 (3.88)	15,8 (0.62)	41,5 (1.63)	51,5 (2.03)	
	152 (6.00)	120,6 (4.75)	19,0 (0.75)	41,5 (1.63)	53,5 (2.11)	

Class 300 / Class 600

Nominal flange size (pulg.)	Dimensions mm (pulg.)					Mounting holes
	A	B	C	D	E	
1/2	95 (3.74)	66,7 (2.62)	15,8 (0.62)	41,5 (1.63)	51,5 (2.03)	4
	117 (4.62)	82,6 (3.25)	19,0 (0.75)	41,5 (1.63)	51,5 (2.03)	
3/4	124 (4.88)	88,9 (3.50)	19,0 (0.75)	41,5 (1.63)	51,5 (2.03)	
	156 (6.14)	114 (4.50)	22,2 (0.88)	41,5 (1.63)	53,5 (2.11)	
1 1/2	165 (6.49)	127 (5.00)	19,0 (0.75)	41,5 (1.63)	55,5 (2.19)	

Class 900 / Class 1500

Nominal flange size (pulg.)	Dimensions mm (pulg.)					Mounting holes
	A	B	C	D	E	
1/2	121 (4.75)	82,6 (3.25)	22,2 (0.88)	41,5 (1.63)	51,5 (2.03)	4
	130 (5.13)	88,9 (3.50)	22,2 (0.88)	41,5 (1.63)	51,5 (2.03)	
3/4	149 (5.88)	101,6 (4.00)	25,4 (1.00)	41,5 (1.63)	53,5 (2.11)	
	178 (7.00)	123,8 (4.88)	28,5 (1.12)	41,5 (1.63)	55,5 (2.19)	
1 1/2	216 (8.50)	165,1 (6.50)	25,4 (1.00)	49,5 (1.95)	61,5 (2.42)	

Measures according to standard ASME B16.5:1996