

DOUBLE BLOCK & BLEED MONOFLANGE WITH OS&Y PRIMARY ISOLATION VALVE

Lightweight Monoflange isolation valves that incorporates an Outside Screw and Yoke bolted bonnet primary isolation valve together with Needle Valves for the Secondary Isolation and Vent. The compact one piece design not only ensures that potential leakage paths are kept to an absolute minimum but offers significant weight and component cost savings when compared to other conventional installation solutions. The STEWARTS OS&Y Valve is designed to meet the requirements of piping class installations in accordance with ASME/ANSI standards that features all metal seating and metal to metal body / bonnet connections. Monoflanges are manufactured in a full range of materials, flange types and ratings as well as having a choice of flange outlets.

(Threaded, Flanged or Integral SWIVEMAS® connection or (OS&Y Monoseal))

Construction

Manufactured from a single piece body that incorporates three Valve Head and outlet connections.
Has trace code on body with material certificates available for all wetted parts on request.

Configuration

Double Block - Isolation and Vent - Bleed Valve

Inlet

The flanged process connection can be made to suit any International size or rating including, but not restricted to:* ANSI B16.5 Flanges from 1/2" to 2" in ratings from 150 to 2500 lbs in RF, FF, SRF and RTJ flange face styles.

* API Flanges up to 2.1/16", 3000, 5000 & 10,000 lbs

Vent

1/4" NPT female vent as standard, others available upon request.

Outlet

Screwed female connections (1/2" NPT standard)

Alternatively in the Flange by Flange variants the outlet flange is identical to the inlet process flange.

Integral SWIVEMAS® connections to Stewarts Pressure Gauge or

Integrated connections to Stewarts Diaphragm Seal Gauge (OS&Y Monoseal)

NACE (Optional)

All body & wetted parts materials comply with the requirements of NACE MR 0175 / ISO15156 dependent upon the environmental or application requirement.

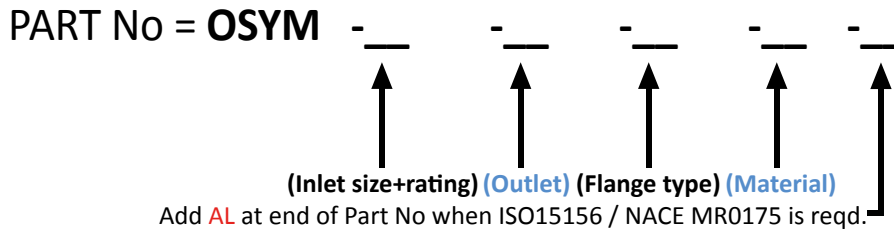
Fire safe (Optional)

Fire safe to BS 6755 Pt 2.

Note:-SWIVEMAS® connection conforms to ISO14000 / 14001

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How To Order



Example = OSYM-1C-07F-RF-A1-AL

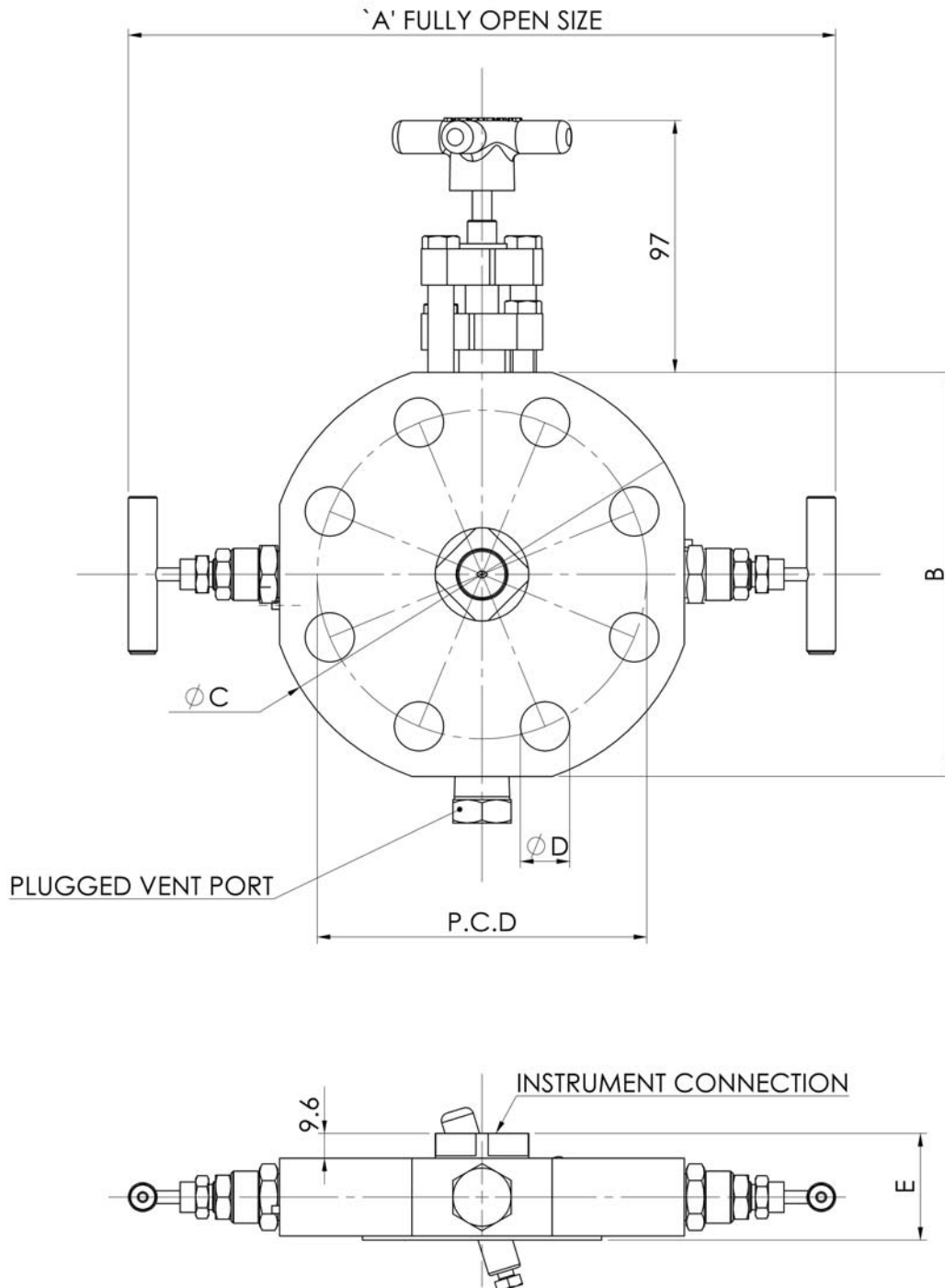
Inlet Size	Rating	Outlet Codes
1 = 1/2" (DN15)	A = 150 CLASS	03F = 1/4" NPT
2 = 3/4" (DN20)	B = 300 CLASS	05F = 3/8" NPT
3 = 1" (DN25)	C = 600 CLASS	07F = 1/2" NPT
4 = 1.5" (DN40)	D = 900 CLASS	04F = 1/4" BSPP
5 = 2" (DN50)	E = 1500 CLASS	06F = 3/8" BSPP
6 = 2.5" (DN65)	F = 2500 CLASS	08F = 1/2" BSPP
7 = 3" (DN80)	G = PN2.5 Bar	13F = 1/4" BSPTaper
8 = 4" (DN100)	H = PN6 Bar	14F = 3/8" BSPTaper
	J = PN10 Bar	15F = 1/2" BSPTaper
	K = PN16 Bar	
	L = PN25 Bar	
	M = PN40 Bar	
	N = PN63 Bar	

Integral SWIVEMAS® connections to Stewarts Pressure Gauge available.

Flange type	Material Codes
RF = Raised Face	AI = AISI 316 S/S
RTJ = Ring Type Joint	MO = MONEL
	HA = HASTELLOY C276
	IN = INCOLOY 825
	DU = DUPLEX UNS S31803
	SD = SUPER DUPLEX S32760
	TI = TITANIUM
	HC = HASTELLOY C22
	IL = INCONEL 625

Safety, Quality, Reliability

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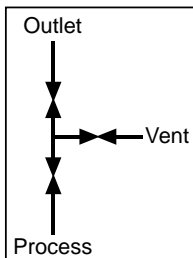
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Flange Size	A	B	C	D	E	No of Holes	Holes P.C.D
1/2" ANSI 150lbs Raised Face	196	80	89	16	41	4	60.3
1/2" ANSI 300lbs Raised Face	202	86	95.2	15.9	41	4	66.7
1/2" ANSI 600lbs Raised Face	202	86	95.2	15.9	46	4	66.7
1/2" ANSI 900lbs Raised Face	228	110	120	22.2	46	4	82.5
3/4" ANSI 150lbs Raised Face	204	86	98.4	15.9	41	4	69.8
3/4" ANSI 300lbs Raised Face	223	105	117	19	41	4	82.5
3/4" ANSI 600lbs Raised Face	228	110	117	19	46	4	82.5
1" ANSI 150lbs Raised Face	216	100	108	15.9	41	4	79.4
1" ANSI 300lbs Raised Face	232	116	123.9	19	41	4	88.9
1" ANSI 600lbs Raised Face	232	116	124	19	46	4	88.9
1" ANSI 900 lbs Raised Face	254	136	149	25.4	46	4	101.6
1.5" ANSI 150lbs Raised Face	234	116	127	15	41	4	98.4
1.5" ANSI 300lbs Raised Face	254	136	155.6	22.2	41	4	114.3
1.5" ANSI 600lbs Raised Face	254	136	155.6	22.2	46	4	114.3
2" ANSI 150lbs Raised Face	252	136	152.4	19	41	4	120.6
2" ANSI 300lbs Raised Face	274	156	165.1	19	41	8	127
2" ANSI 600lbs Raised Face	274	156	165.1	19	46	8	127
2" ANSI 900lbs Raised Face	321	205	215.9	25.4	61.4	4	165.1



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