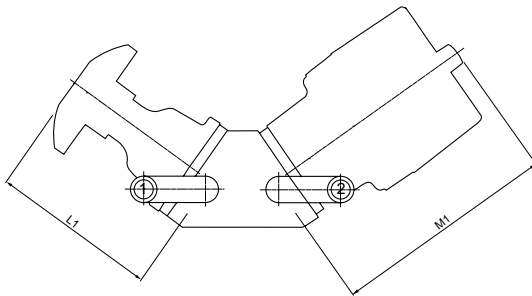
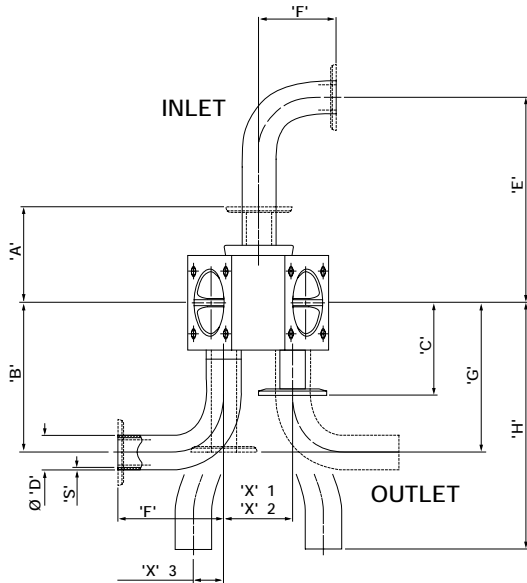


## Multiport Diverter Valve – 2 Way Diverter

### HC4 Diaphragm Valves



	0.50" (DN15)	0.75" (DN20)	1.00" (DN25)	1.50" (DN40)	2.00" (DN50)
A	2.5"	2.6"	2.8"	3.5"	4.0"
B	4.2"	4.4"	4.6"	6.6"	8.1"
C	2.2"	2.4"	2.5"	3.0"	3.3"
E	5.5"	5.6"	5.8"	7.9"	9.8"
F	3.5"	3.5"	3.5"	5.0"	6.2"
G	3.3"	3.5"	3.7"	4.2"	4.5"
H (16SWG)	4.6"	6.2"	7.2"	9.0"	10.9"
H (ISO)	6.2"	7.0"	8.1"	10.1"	11.8"
D/S	(see tube dimensions overleaf)				
*X <sub>1</sub>	1.4"	1.6"	2.2"	2.4"	2.9"
*X <sub>2</sub>	1.3"	1.6"	1.9"	2.7"	3.2"
*X <sub>3</sub>	1.2"	1.2"	1.2"	1.2"	1.6"
90° inlet/ outlet ctrs. (B+E)	9.7"	10.1"	10.5"	14.5"	17.9"
Butt Weld o/length (A+G)	5.8"	6.2"	6.6"	7.6"	8.5"
Butt Weld o/length for orbital welding (A+H)					
16SWG:	7.1"	8.8"	10.0"	12.4"	15.0"
ISO:	8.7"	9.6"	11.0"	13.6"	15.9"
Triclamp o/length					
short (A+C)	4.6"	5.0"	5.4"	6.4"	7.4"
long (A+G)	5.8"	6.2"	6.6"	7.6"	8.5"
ISO					
manual open: L1	3.4"	3.6"	4.4"	6.4"	7.2"
EC open: M1	4.5"	6.3"	6.6"	9.0"	9.8"
16 swg					
manual open: L1	3.2"	3.3"	4.2"	6.1"	7.0"
EC open: M1	4.3"	6.1"	6.4"	8.7"	9.5"

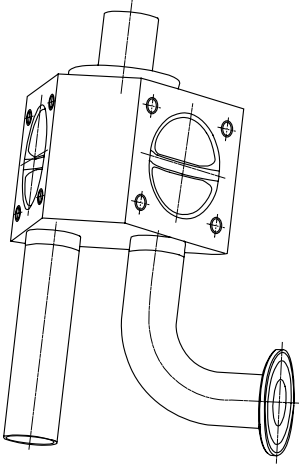
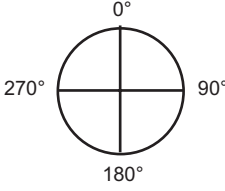
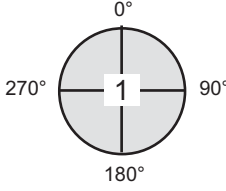
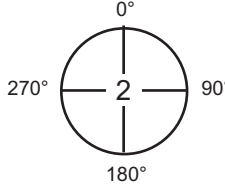
\* X<sub>1</sub> dimension is for 16SWG and Triclamp to ASTM A269/A270

X<sub>2</sub> dimension is for ISO and DIN

X<sub>3</sub> please note additional offset for orbital welding on butt weld option

HC4/040/01/11.02

### Inlet/Outlet connections

	Inlet	Outlets	
			
Triclamp			3 (in example shown)
Butt Weld	3 (in example shown)	3 (in example shown)	
Elbow (90° deg) orientation			90°

The orientation of the inlet and outlets is always looking at the valve body from the outlet side.

Surface Finish				
ASME BPE Code	Saunders Finish Code	Ra (Max)	Mechanical Polish	Electro-Polish
SFV1	7	20	Yes	No
SFV2	5	25	Yes	No
SFV3	3	30	Yes	No
SFV4	8	15	Yes	Yes
SFV5	2	20	Yes	Yes
SFV6	6	25	Yes	Yes
SFV7	1	10	Yes	Yes

### Materials

- 316L
- 1.4435
- Others – available on request

### Inlet and outlet options

- 90° elbows
- butt weld – ASTM A269/A270  
Schedule 5,10,40  
ISO 1127  
DIN
- Triclamp

in	ASTM A269/A270		Schedule				ISO 1127		DIN 11850					
	D	16swg S	D	5S S	10S S	40S S	D	S	Series 1		Series 2		Series 3	
									D	S	D	S	D	S
0.50"	0.5"	0.06"	0.8"	0.06"	0.08"	0.1"	0.8"	0.06"	0.7"	0.04"	0.7"	0.06"	0.8"	0.08"
0.75	0.7"	0.06"	1.0"	0.06"	0.08"	0.1"	1.0"	0.06"	0.9"	0.04"	0.9"	0.06"	0.9"	0.08"
1.00"	1.0"	0.06"	1.3"	0.06"	0.1"	0.1"	1.3"	0.08"	1.1"	0.04"	1.1"	0.06"	1.2"	0.08"
1.50"	1.5"	0.06"	1.9"	0.06"	0.1"	0.1"	1.9"	0.08"	1.6"	0.04"	1.6"	0.06"	1.6"	0.08"
2.00"	2.0"	0.06"	2.4"	0.06"	0.1"	0.1"	2.4"	0.1"	2.0"	0.04"	2.1"	0.06"	2.1"	0.08"

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