

NON-RETURN VALVE

- Non-return valve with full bore
- Quick disassembly using an SMS type nut

SPECIFICATIONS

DIMENSIONS

- SMS - DIN - US from DN 1/2" to DN 125 (5")

MATERIALS

- Body - plug - spring: stainless steel 316L
- Rug seal: PFA
- Seal: fluorinated elastomer (FKM) - EPDM - PFA

CONNECTIONS

- TYPE OF CONNECTION: STANDARD
- Welded: SMS - DIN - US standard
- Threaded: SMS - DIN
- Orbifit: SMS - DIN
- Clamp: US standard

OPTION

- Metal/metal tightness (requiring painting)

SERVICE CONDITIONS

- Max. temperature: +120°C
- Min. temperature: 0°C
- Max. working pressure: 10 bar (1000 kPa)
- Counterpressure: 20 mbar

PRESSURE VACUUM VALVE

- Manual forced opening device for 4" version

SPECIFICATIONS

DIMENSIONS

- CLAMP DN 2" and 2 1/2"
- CLAMP DN 4"

MATERIALS

- Valve: stainless steel 316L
- Pressure plug: PTFE
- Seal: fluorinated elastomer (FKM) - silicon

CONNECTIONS

- Clamp

SERVICE CONDITIONS

- Max. temperature: +80°C
- Min. temperature: 0°C
- Vacuum: 30 mbar
- Pressure: 0.1 to 2 bar depending on spring

PRESSURE RELIEF VALVE

- Easy disassembly using an SMS type nut
- Sealing option for a pre-established setting

SPECIFICATIONS

DIMENSIONS

- DN 1" 1/2 and 2"

MATERIALS

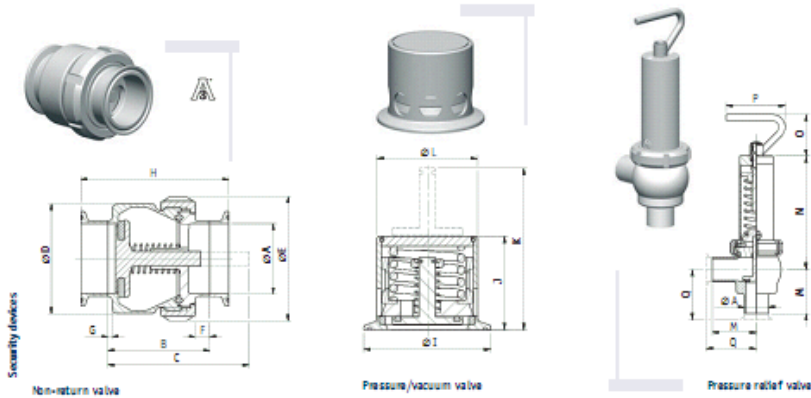
- Body and plug: stainless steel 316L
- Seal: fluorinated elastomer (FKM) - EPDM
- Adjusting device: stainless steel 304

CONNECTIONS

- Welded: SMS - DIN - US standard

SERVICE CONDITIONS

- Max. temperature: +120°C
- Min. temperature: 0°C
- Adjustment range: 0 to 13 bar (1300 kPa)



Security devices

Non-return valve

Pressure/vacuum valve

Pressure relief valve

TUBE ØA	NON-RETURN VALVE								PRESSURE/VACUUM VALVE				PRESSURE RELIEF VALVE						
	B	C (max)	ØD	ØE	F	G	H	Weight in kg	Ø1	J	K	ØL	Weight in kg	M	N	O	P	Q	Weight in kg
SMS 22.5/25	74.5	107	59.5	70	13	9	100.5	0.65											
SMS 30/32	70.5	107	59.5	70	9	9	96.5	0.55											
SMS 33.5/38	70.5	107	59.5	70	9	9	96.5	0.82											
SMS 48.5/51	74.5	115	74	84	10	9	100.5	1.1											
SMS 50.3/53.5	108.5	158	110	114	14	10	134.5	2.66											
SMS 72/76	104.5	158	110	114	10	10	130.5	2.31											
SMS 100/104	123.5	206	148	148	11	11	154.5	4.4											
DN 25/28	74.5	107	59.5	70	13	9	100.5	0.6											
DN 38/40	65.5	102	59.5	70	9	9	91.5	1											
DN 50/53	74.5	115	74	84	10	9	100.5	1.05											
DN 66/70	104.5	158	110	114	10	10	130.5	2.63											
DN 81/85	127.5	206	148	148	11	11	153.5	3.82											
DN 100/104	123.5	206	148	148	11	11	154.5	4.4											
DN 125/129	141.5	229	178	178	9	11	172.5	5.6											
US 1/2" (ØA) (12.7)	48.5	71	40	48.5	6	5	74.5	0.3											
US 3/4" (15.75/19.05)	48.5	71	40	48.5	6	5	74.5	0.3											
US 1" (25.4/28.4)	74.5	107	59.5	70	13	9	100.5	0.65											
US 1 1/2" (38.1/38.1)	70.5	107	59.5	70	9	9	96.5	0.82						70	130	65	100	85	2.7
US 2" (47.5/50.8)	74.5	115	74	84	10	9	100.5	1.1	64	70	112	61	0.6	82	250	65	100	97	3.9
US 2 1/2" (60.2/63.5)	108.5	158	110	114	14	10	134.5	2.66	77.5	57	99	61	0.55						
US 3" (72.9/76.1)	104.5	158	110	114	10	10	130.5	2.31											
US 4" (97.4/101.6)	123.5	206	148	148	11	11	154.5	4.43	119	151	270	119	4.1						