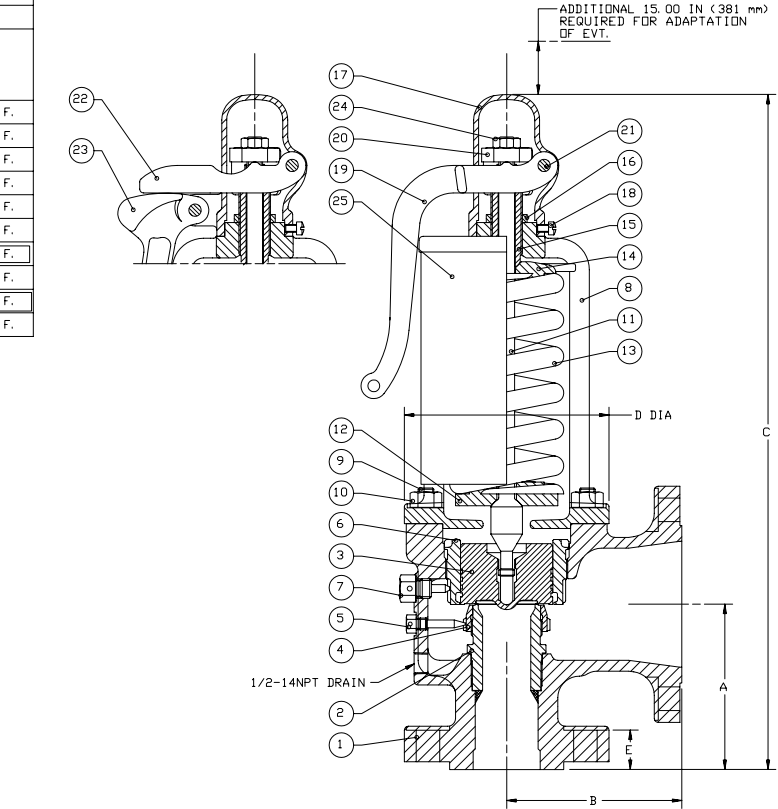


SCOPE OF DESIGN FOR PSIG CLASS 300							
SIZE	ORIFICE			TYPE NUMBERS		CONNECTIONS	
	DISCHARGE AREA		DESIG- NATION	MAXIMUM TEMPERATURE		INLET ANSI. #	OUTLET ANSI STD.
	SQ. IN	SQ. CM.		750°F (399°C)	1000°F (538°C)		
1-1/4	.307	1.981	F	1811FB	1811FD	1-1/4" 300#	1-1/2" 150# R. F.
1-1/4	.503	3.245	G	1811GB	1811GD	1-1/4" 300#	1-1/2" 150# R. F.
1-1/2	.785	5.065	H	1811HB	1811HD	1-1/2" 300#	2-1/2" 150# R. F.
1-1/2	1.287	8.304	J	1811JB	1811JD	1-1/2" 300#	2-1/2" 150# R. F.
2	1.840	11.872	K	1811KB	1811KD	2" 300#	3" 150# R. F.
2-1/2	2.853	18.408	L	1811LB	1811LD	2-1/2" 300#	4" 150# R. F.
3	3.600	23.227	M	1811MB	1811MD	3" 300#	4" 150# R. F.
4	4.340	28.002	N	1811NB	1811ND	4" 300#	6" 150# R. F.
4	6.380	41.164	P	1811PB	1811PD	4" 300#	6" 150# R. F.
6	11.050	71.295	Q	1811QB	1811QD	6" 300#	8" 150# R. F.

MAXIMUM PRESSURE		
TYPE	TEMP	PRESSURE
1811B	750 F (399 C)	320 PSIG (23 Kg/CM ²)
1811D	950 F (510 C)	320 PSIG (23 Kg/CM ²)
1811D	1000 F (538 C)	225 PSIG (16 Kg/CM ²)

GENERAL DIMENSIONS							
INLET SIZE	TYPE NO.	A IN MM	B IN MM	C IN MM	D IN MM	E IN MM	DIS-MANTLING HEIGHT
1-1/4	1811FB	4-13/32 111.9	4-3/16 106.4	14-3/8 365.1	4-5/8 117.5	1-1/16 27.0	16-5/8 422.3
	1811FD	5 127.0	4-3/16 106.4	15 381.0	4-5/8 117.5	1-5/16 33.3	17 431.8
1-1/4	1811GB	4-13/32 111.9	4-3/16 106.4	14-3/8 365.1	4-5/8 117.5	1-1/16 27.0	16-5/8 422.3
	1811GD	5 127.0	4-3/16 106.4	15 381.0	4-5/8 117.5	1-5/16 33.3	17 431.8
1-1/2	1811HB	4-3/4 120.7	4-7/8 123.8	15-7/8 403.2	5-13/16 147.6	1-1/8 28.6	18-1/4 463.6
	1811HD	5-3/4 146.1	4-7/8 123.8	16-7/8 428.6	5-13/16 147.6	1-7/16 36.5	19-1/4 489.0
1-1/2	1811JB	4-3/4 120.7	4-7/8 123.8	15-7/8 403.2	5-13/16 147.6	1-1/8 28.6	18-1/4 463.6
	1811JD	5-3/4 146.1	4-7/8 123.8	16-7/8 428.6	5-13/16 147.6	1-7/16 36.5	19-1/4 489.0
2	1811KB	5-1/4 133.4	5-9/16 141.3	19-5/8 498.5	6-1/2 165.1	1-5/16 33.3	22-1/2 571.5
	1811KD	6-1/4 158.8	5-9/16 141.3	20-5/8 523.9	6-1/2 165.1	1-9/16 39.7	23-1/2 596.9
2-1/2	1811LB	6-1/8 155.6	6-5/16 160.3	21 533.4	7-5/8 193.7	1-7/16 36.5	23-7/8 606.4
	1811LD	7-1/2 190.5	6-5/16 160.3	22-5/16 566.7	7-5/8 193.7	1-13/16 46.0	25-1/4 641.4
3	1811MB	6-1/2 165.1	6-7/16 163.5	23-5/8 600.1	7-7/8 200.0	1-9/16 39.7	26-3/4 679.5
	1811MD	6-1/2 165.1	6-7/16 163.5	23-5/8 600.1	7-7/8 200.0	1-9/16 39.7	26-3/4 679.5
4	1811NB	7-1/4 184.2	7-7/16 188.9	26 660.4	8-3/4 222.3	1-9/16 39.7	29-1/8 739.8
	1811ND	7-11/16 195.2	7-7/16 188.9	26-3/8 669.9	8-3/4 222.3	1-13/16 46.0	29-9/16 750.9
4	1811PB	7-7/16 188.9	8-3/16 207.9	28-3/8 720.7	10-1/4 260.4	1-9/16 39.7	32-1/8 815.9
	1811PD	7-11/16 195.2	8-3/16 207.9	28-5/8 727.1	10-1/4 260.4	1-13/16 46.0	32-3/8 822.3
6	1811QB	9-7/8 250.8	9-3/8 238.1	36-1/4 920.8	12-3/8 314.3	1-3/4 44.5	41-3/8 1050.9
	1811QD	10-5/16 261.9	9-3/8 238.1	36-3/4 933.5	12-3/8 314.3	2-3/16 55.5	41-7/8 1063.6



NOOTER/ERIKSEN COGEN SYSTEMS INC.
P. O. NO. 121481
DRESSER ORDER NO. 22-32916-0

Qty	Valve Size and Type	Dresser Item No.	Set Press. PSIG \ BARG	Temp. °F \ °C	Capacity LBS/HR \ KG/HR	TAG No.
2	3" 1811MB-0-3X1-22-WSC	006	150 \ 10.3	SAT \ SAT	27511 \ 3.47	XSGA-PSV-1005A XSGA-PSV-2005A
2	4" 1811PB-0-3X1-22-WSC	007	154 \ 10.6	SAT \ SAT	49943 \ 6.29	XSGA-PSV-1005B XSGA-PSV-2005B

* FLANGE THICKNESS MAY EXCEED ANSI-SEE DIMENSION TABLE.

TYPICAL TYPE NUMBER		INLET FACING	
DESIGNATION	FACING (ANSI STANDARD)	DESIGNATION	FACING (ANSI STANDARD)
X1	RAISED FACE (CONCENTRIC SERRATIONS)	X1	RAISED FACE (CONCENTRIC SERRATIONS)
X2	RAISED FACE (SMOOTH FACE)	X2	RAISED FACE (SMOOTH FACE)
X3	RING JOINT	X3	RING JOINT
X4	LARGE TONGUE	X4	LARGE TONGUE
X5	LARGE GROOVE	X5	LARGE GROOVE
X6	SMALL TONGUE	X6	SMALL TONGUE
X7	SMALL GROOVE	X7	SMALL GROOVE
X8	LARGE FEMALE	X8	LARGE FEMALE
X9	LARGE MALE	X9	LARGE MALE

REF. NO.	NOMENCLATURE	MATERIAL
1	BASE - 1811B	SA216 WCC CARBON STEEL
2	BASE - 1811D	SA217 WC6 ALLOY STEEL
3	SEAT BUSHING	410 STAINLESS STEEL
4	DISC	410 STAINLESS STEEL
5	LOWER ADJ. RING	304 STAINLESS STEEL
6	UPPER ADJ. RING PIN	416 STAINLESS STEEL
7	UPPER ADJ. RING - 1811B	316 STAINLESS STEEL (SURFACE TREATED)
8	UPPER ADJ. RING - 1811D	MONEL
9	UPPER ADJ. RING PIN	616 STAINLESS STEEL
10	YOKER	SA216 WCC CARBON STEEL
11	BASE STUD	B7 ALLOY STEEL
12	STUD NUT	2H CARBON STEEL
13	SPINDLE	410 STAINLESS STEEL
14	BOTTOM SPRING WASHER	CARBON STEEL
15	SPRING	ALLOY STEEL
16	TOP SPRING WASHER	CARBON STEEL
17	COMPRESSION SCREW NUT	BRASS
18	COMPRESSION SCREW	BRASS
19	CAP 1811F, G, H & J	B62 BRONZE
20	CAP 1811K, L, M, N, P & Q	MALLEABLE IRON
21	CAP SET SCREW	CARBON STEEL
22	LEVER	MALLEABLE IRON
23	RELEASE NUT	CARBON STEEL
24	LEVER PIN	CARBON STEEL
25	TOP LEVER (4" & 6" SIZES)	MALLEABLE IRON
	DROP LEVER (4" & 6" SIZES)	MALLEABLE IRON
	RELEASE LOCK NUT	CARBON STEEL
	WEATHER SHIELD	CARBON STEEL

2	FAB24	WJSPEAKS	JMS	RSL	12-11-02
REV.	REL. NO.	DWN. BY	CKD. BY	ENG. APP.	DATE
CERTIFIED: J. D. FOSTER					
1811 CONSOLIDATED SAFETY VALVE 300 CLASS					
 ALEXANDRIA, LOUISIANA, USA					
MKT. DWG. #11636-005, REV. 01					
VALVE TYPE 1811-22 W/WEATHER SHIELD					
DWG. NO.	453220				REV. 2