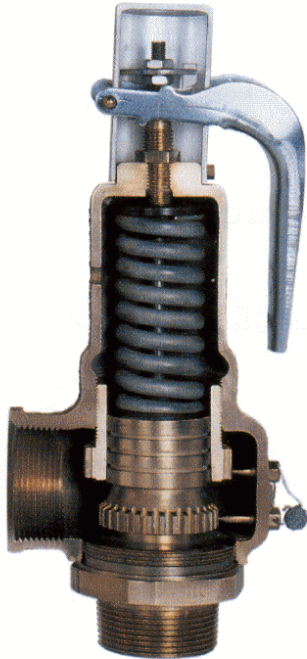


19 SERIES BRONZE SAFETY VALVES



FEATURES:

- Patented “soft” seat reduces leakage problems common with metal-to-metal seated valves.
- Low cost repairs with an easily replaced soft seat.
- A wider wrenching hex provides easier and faster installation.
- Quality construction makes it a great option for Penn Flash Separators!
- For additional information see Penn Brochure C-9.25

“UV” STEAM ASME SECTION VIII—PRESSURE VESSELS

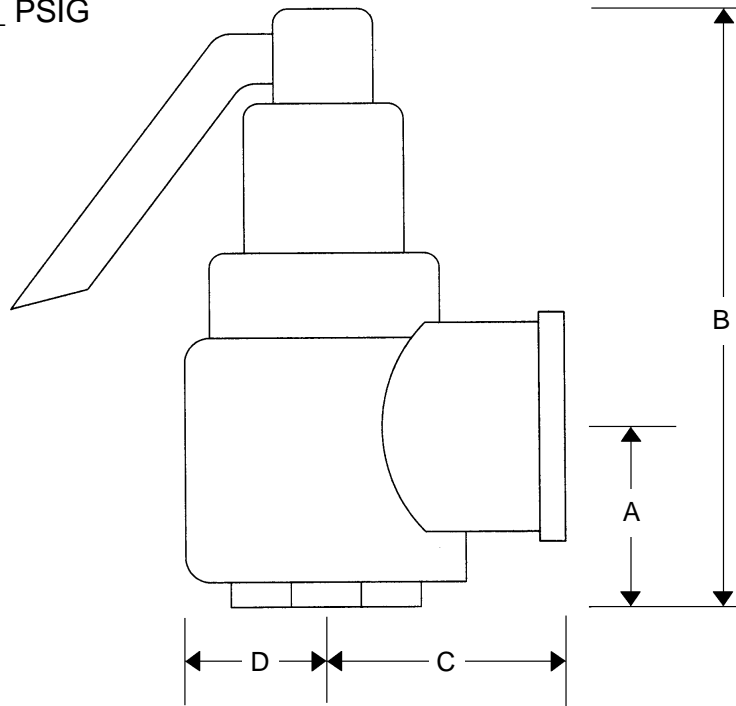
STEAM CAPACITY CHART—90% OF ACTUAL CAPACITY AT 10% ACCUMULATION
CAPACITY IN POUNDS OF SATURATED STEAM PER HOUR

Set Pressure PSIG	Valve Size 1/2 x 3/4 3/4 x 3/4	Orifice Designation “D” .405 DIA	Valve Size 3/4 x 1 1x1	Orifice Designation “E” .541 DIA	Valve Size 1 x 1-1/4 1-1/4 x 1-1/4	Orifice Designation “F” .676 DIA	Valve Size 1-1/4 x 1-1/2 1-1/2 x 1-1/2	Orifice Designation “G” .866 DIA	Valve Size 1-1/2 x 2 2 x 2	Orifice Designation “H” 1.082 DIA	Valve Size 2 x 2-1/2 2-1/2 x 2-1/2	Orifice Designation “J” 1.386 DIA
15		179		320		499		819		1278		2099
20		207		369		576		945		1474		2420
25		234		417		652		1070		1669		2741
30		262		467		728		1195		1865		3062
35		292		521		812		1333		2080		3415
40		322		574		896		1471		2295		3768
45		352		628		980		1609		2510		4121
50		382		682		1064		1746		2725		4474
55		412		736		1148		1884		2940		4827
60		443		790		1232		2022		3155		5180
65		473		843		1316		2160		3370		5533
70		503		897		1400		2298		3585		5886
75		533		951		1484		2435		3800		6239
80		563		1005		1568		2573		4015		6592
85		593		1059		1652		2711		4230		6946
90		623		1112		1736		2849		4445		7299
95		654		1166		1820		2987		4660		7652
100		684		1220		1904		3124		4875		8005
105		714		1274		1988		3262		5090		8358
110		744		1328		2072		3400		5305		8711
115		774		1381		2156		3538		5520		9064
120		804		1435		2240		3676		5735		9417
125		835		1489		2324		3813		5950		9770
130		865		1543		2408		3951		6165		10123
135		895		1597		2492		4089		6380		10476
140		925		1651		2576		4227		6595		10829
145		955		1704		2660		4365		6810		11182
150		985		1758		2744		4502		7025		11535
160		1046		1866		2912		4778		7455		12241
170		1106		1973		3080		5054		7885		12947
180		1166		2081		3248		5329		8315		13654
190		1227		2189		3416		5605		8745		14360
200		1287		2296		3584		5881		9175		15066
210		1347		2404		3752		6156		9605		15772
220		1408		2512		3920		6432		10035		16478
230		1468		2619		4088		6707		10465		17184
240		1528		2727		4256		6983		10895		17890
250		1590		2834		4424		7259		11325		18596
APPROX. 1 PSI INCRMTS.		6.0		10.8		16.8		27.6		43.0		70.6

SPECIFICATION PRINT

19 Series Bronze Safety Valve

Set at _____ PSIG



Size: Inlet x Outlet	A	B	C	D	Weight Each
3/4 x 3/4	2.210"	6.520"	1.370"	.844"	1.600
3/4 x 1	2.500"	7.160"	1.750"	1.062"	2.000
1 x 1	2.640"	7.300"	1.750"	1.062"	2.200
1-1/4 x 1-1/4	2.950"	9.340"	2.000"	1.438"	4.300
1-1/4 x 1-1/2	3.380"	11.010"	2.370"	1.688"	7.400
1-1/2 x 1-1/2	3.380"	11.010"	2.370"	1.688"	7.600
2 x 2	3.630"	11.960"	2.750"	2.062"	11.600
2 x 2-1/2	4.060"	14.250"	3.500"	2.688"	19.900
2-1/2 x 2-1/2	4.500"	14.680"	3.500"	2.688"	20.800

SPECIFICATIONS

- Maximum pressure 250 PSI steam, 275 PSI air
- Sizes 3/4" to 2-1/2" available
- Rust proofed steel spring and level
- Double ring, full bore, high capacity construction
- Registered in all Canadian provinces and Territories CRN #0G2663.1C
- Connections threaded NPT



Penn Separator Corp.

PO Box 340, Brookville, PA 15825

19 Series Bronze Safety Valve

MJG 10/14/08

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