

Kingston Safety & Relief Valves

Kingston Model 115P
ASME Code Section VIII Steam Safety Valve
Brass, Soft Seat



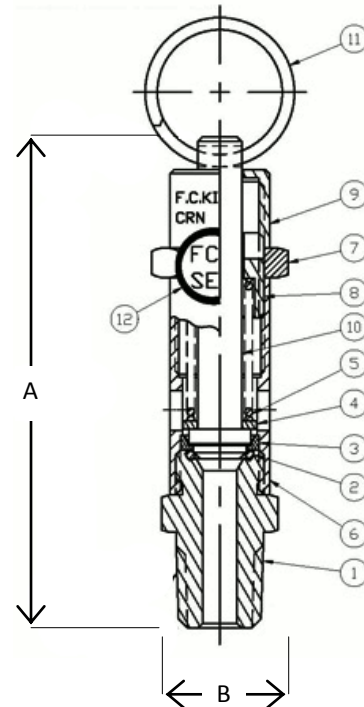
Features:

- Viton O-ring Provides Soft Seat Performance
- Precision Machined Hard, Positive Stop
- ASTM B-16 Brass Construction
- Pull Ring for Manual Testing
- 1/4" Male NPT Inlet
- ASME/NB Certified - Stamped UV + NB
- Section VIII Steam Pressures of 25-44 PSIG
- Temperature Range: -20°F to 400°F
- Registered in All Canadian Provinces & Territories
- Every Safety Valve Factory Set and Tested

Model	Available Sizes	Orifice	Figure/Part No	Dimensions (inches)		Set Pressure Range PSIG	Approximate Ship Weight	Max Temp
				Height (A)	Hex (B)			
115P	1/4 NPT	.219	115P-2-000	3 1/8	5/8	25-44	3 oz	400°F

Materials

No.	Part Name	Materials
1	Base	Brass (ASTM—B16)
2	'O' Ring	Viton
3	Seat Washer	Brass (ASTM—B16)
4	Stem Washer	Brass (ASTM—B16)
5	Spring	Stainless Steel (302)
6	Body	Brass (ASTM—B16)
7	Lock Nut	Brass (ASTM—B16)
8	Adj. Screw	Brass (ASTM—B16)
9	Cap	Brass (ASTM—B16)
10	Stem	Brass (ASTM—B16)
11	Pull Ring	Stainless Steel (302)
12	Seal	Vinyl



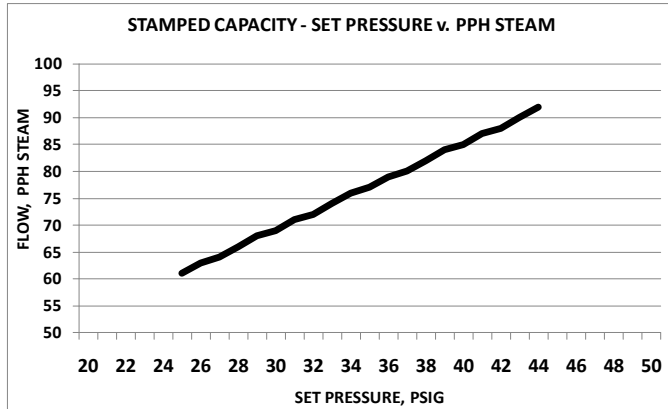
www.KingstonValves.com

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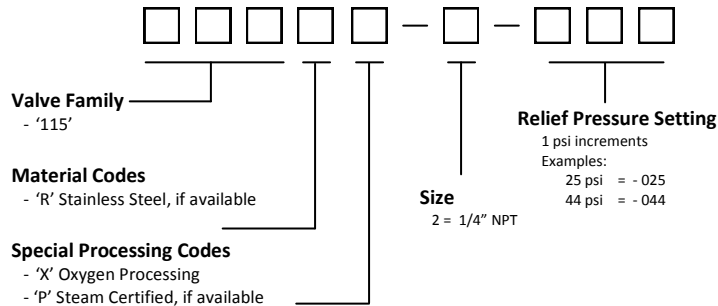
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Flow Capacity Information



SET PRESSURE PSI	STAMPED CAPACITY PPH STEAM
25	61
26	63
27	64
28	66
29	68
30	69
31	71
32	72
33	74
34	76
35	77
36	79
37	80
38	82
39	84
40	85
41	87
42	88
43	90
44	92

Ordering Information



Product Notes

All Kingston Safety Valves are manufactured under a quality control system accepted by the National Board of Boiler and Pressure Vessel Inspectors.

Code valves are capacity certified by the National Board, manufactured in accordance with ASME Code, set and sealed at the factory.

Set pressure can deviate from the marked by ± 2 psig at or below 70 psig set pressures and $\pm 3\%$ psig above 70 psig.

Factory standard seat tightness for soft seat valves: no audible leakage at 10% below nameplate set. It is normal for spring-operated safety valves to exhibit leakage or simmer/warn, as the system operating pressure approaches the set pressure. For soft seat valves this typically occurs at pressures at or above 90% of nameplate set pressure.

At very low set pressures (20 psi and below), the ratio of the downward spring force as compared to the upward pressure force is very small. In these cases it may be impossible to achieve seat tightness.

Soft seat valves will typically provide a higher degree of seat tightness than metal, hard seats. Factory standard seat tightness does not ensure bubble-tight seal regardless of material.

Final application design and integration of Kingston Products are the sole responsibility of the end user.

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