

Kingston Safety & Relief Valves

Kingston Model 112CSSP

ASME Code Section VIII Steam Safety Valve
Brass, Stainless Steel Ball



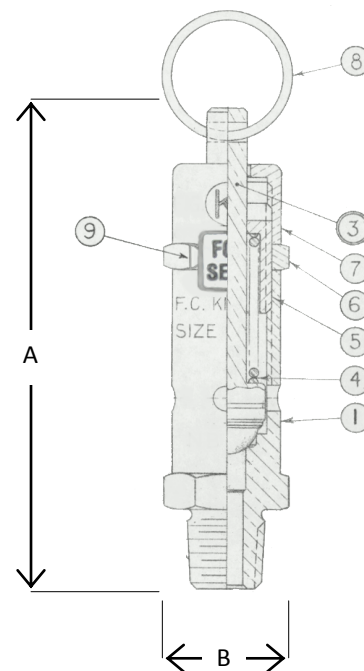
Features:

- Precision Machined Hard Seat
- Brass Construction
- Stainless Steel Ball & Spring
- Pull Ring for Manual Testing
- Available in 1/4 & 3/8 NPT
- ASME Certified - Stamped UV + NB
- Section VIII Steam Pressures of 36-54 PSIG
- Registered in All Canadian Provinces & Territories
- Maximum Temperature 400°F
- Every Safety Valve Factory Set and Tested on Steam

Model	Available Sizes	Orifice	Figure/Part No	Dimensions (inches)		Set Pressure Range PSIG	Approximate Ship Weight	Max Temp
				Height (A)	Hex (B)			
112CSSP	1/4 NPT	.250	112CSSP-2-000	3 1/8	3/4	36-54	4 oz	400°F
	3/8 NPT	.250	112CSSP-3-000	3 1/8	3/4		4 oz.	

Materials

No.	Part Name	Materials
1	Body	Brass
3	Stem Assembly	Brass Stem, Stainless Steel Ball
4	Spring	Stainless Steel
5	Adjusting Screw	Brass
6	Lock Nut	Brass
7	Cap	Brass
8	Pull Ring	Stainless Steel
9	Seal	Vinyl



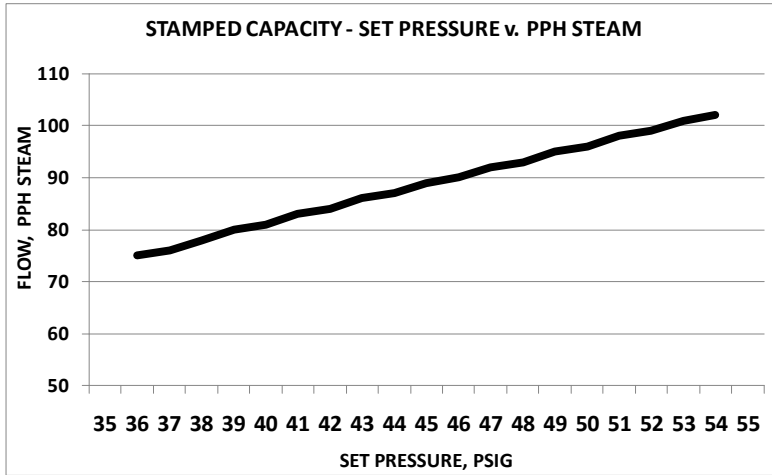
www.KingstonValves.com

Storm Manufacturing Group
23201 Normandie Ave., Torrance CA 90501-5050
Toll Free: 866-628-8287 Fax: 800-997-0500 Direct: 310-326-8287

Copyright 2010© Storm Manufacturing Group. All rights reserved. Product designs and specifications subject to change without notice. r.10b

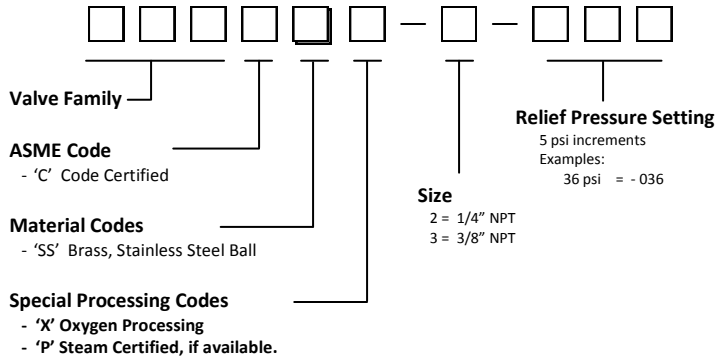
Kingston Model 112CSSP Safety Relief Valve

Flow Capacity Information



SET PRESSURE PSI	STAMPED CAPACITY PPH STEAM
36	75
37	76
38	78
39	80
40	81
41	83
42	84
43	86
44	87
45	89
46	90
47	92
48	93
49	95
50	96
51	98
52	99
53	101
54	102

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 hard seat valves: no audible leakage at 20% 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 hard seat valves this typically occurs at pressures at or above 80% 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.

Storm Manufacturing reserves all rights. Product specifications and designs are subject to change without notice.



Storm Manufacturing Group
23201 Normandie Ave., Torrance CA 90501-5050
Toll Free: 866-628-8287 Fax: 800-997-0500 Direct: 310-326-8287