



# KINGSTON

Manufacturing reliable industrial valves for industry since 1908.

# 115P

## Safety Relief Valve

## Model 115P

ASME Code Section VIII Safety Valve  
Brass, Steam Applications



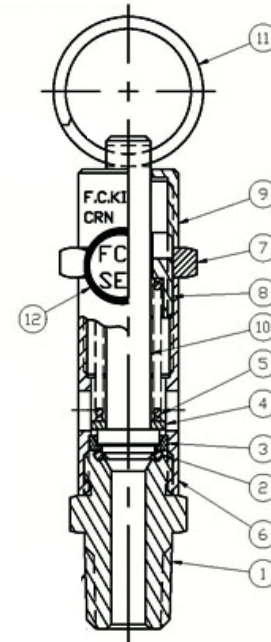
### Features

- Viton O-Ring Provides Soft Seat Performance
- Precision Machined Hard, Positive Stop
- 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

Model	Inlet Size	Orifice	Dimensions (inches)		Set Pressure Range (PSIG)	Approx. Ship Wt.	Max Temp. (°F)	Figure/Part No.
			Height (A)	Hex (B)				
115P	1/4" NPT	.219	3-1/8"	5/8"	35-50	3 oz.	400 °F	115P-2-000

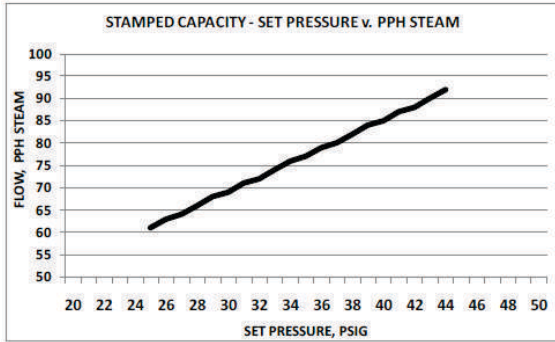
### Materials

No.	Part Name	Materials
1	Body	Brass
2	O' Ring	Viton
3	Seat Washer	Brass
4	Stem Washer	Brass
5	Spring	M.W./SST
6	Body	Brass
7	Lock Nut	Brass
8	Adj. Screw	Brass
9	Cap	Brass
10	Stem	Brass
11	Pull Ring	Stainless Steel
12	Seal	Vinyl



# Kingston Model 115P Stainless Steel Safety Relief Valve

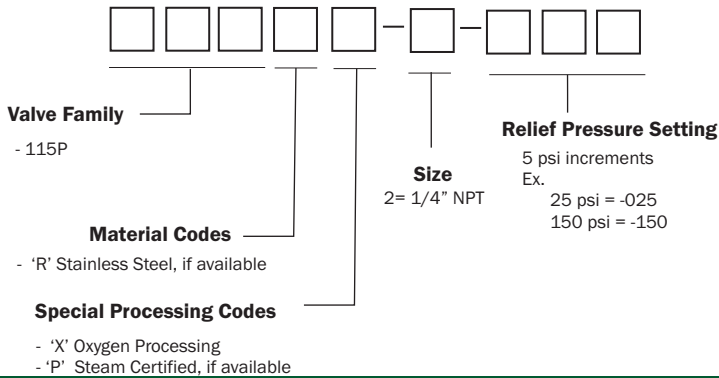
## Flow Capacity Information



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

### Kingston Side Outlet Relief Valve Part Number Codes



## 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  $\pm 2$  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 is typically occurs at pressure at or above 80% of nameplate set pressure.

At very low set pressure (20 psig 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. Storm Manufacturing reserves all rights. Product specifications are subject to change without notice.

The information contained herein by Storm Manufacturing Group (SMG) is provided in good faith and as a product guide only. Further, SMG makes no representation as to the completeness or accuracy of the information contained herein. Any person or persons using the information contained herein must exercise their own judgement and consider all local, regional, national and global safety standards in evaluating valve selection options. Final application design and integration of Kingston Products are the sole responsibility of the end user.



www.KingstonValves.com  
**KINGSTON**