### PSI vs. Flow Chart for Kingston’s ASME Safety Valve

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<th>VALVE SIZE</th>
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**Specifications subject to change w/o notice.**

**WARNING:** This product can expose you to chemicals including lead, which is known to the state of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).

*Storm Manufacturing Group, Inc. • 23205 Normandy Ave • Tocoma, CA 95012
Tel: 800.210.2525 • Fax: 800:997.0500 • www.kingstonvalves.com*

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*See Kingston Line Card for complete information.*
SAFETY VALVES

CAPTURED EXHAUST ASME CODE VALVES

KNG SAFETY RELIEF VALVES
ASME Code Sections I & VIII, for air, gas, steam and liquid applications. Available in bronze, carbon steel, and stainless steel construction with a variety of seat materials available. 1/2” to 3” NPT inlet and D to J orifice sizes.

For full ordering information, please see the KNG Catalog.

KNG 740 SERIES
ASME and National Board Certified for Section VIII as well as CE and CRN Certifications. Pressures up to 1500 PSI.

KNG 740
Brass / Bronze
ASME Section VIII for Air / Gas / Liquid & Steam

KNG 741
Stainless Steel / Bronze
ASME Section VIII for Air / Gas / Liquid & Steam

KNG 742
Stainless Steel / Carbon Steel
ASME Section VIII for Air / Gas / Liquid & Steam

KNG 743
304 Stainless Steel
ASME Section VIII for Air / Gas / Liquid & Steam

KNG 743 FLANGED

KNG 560/570 SERIES
The KNG 560/570 Series is a high capacity safety valve used for boilers, piping lines and vessel protection.

ASME and National Board Certified for Section I and VIII as well as CE and CRN Certifications.

KNG 560
Brass / Bronze
ASME Section I for Steam

KNG 563
Stainless Steel / Bronze
ASME Section I for Steam

KNG 570
Brass / Bronze
ASME Section VIII for Steam & Air / Gas

KNG 573
Stainless Steel / Bronze
ASME Section VIII for Steam & Air / Gas

KNG 88/89 SERIES
Multiple purpose safety valves for air / gas protection.

ASME and National Board certified for Section VIII as well as CRN Certifications.

KNG 88

KNG 89

SAFETY VALVES

VENT TO ATMOSPHERE ASME CODE VALVES

KSV
30/25/30/35/40
Sizes:
¾ to 1 ¼ NPT
Pressure Range:
20-450 PSI
Available In:
Brass, Stainless Steel
Soft Seat

112CSS/CR
Sizes:
⅜, ½, ¾ NPT
Pressure Range:
25-300 PSI*
Available In:
Brass, Stainless Steel
Hard Seat

115/115CR
Sizes:
¾ to 1 ¼ NPT
Pressure Range:
25-300 PSI
Hard Seat

118CSS
Sizes:
⅛ to 1 NPT
Pressure Range:
25-300 PSI
Hard Seat

* = Steam Rated Service 35 to 50PSI
Contact Kingston for more Information

NON CODE VALVES

128A/130
Sizes:
⅛, ¼ NPT
Pressure:
Max 300 PSI
Soft Seat

111X
Sizes:
⅛ NPT
Pressure:
Max 400 PSI
-250°F to 300°F
Soft Seat

100SS
Sizes:
¾ to 1 ¼ NPT
Pressure:
Max 300 PSI
Hard Seat

103/S5/H/D
Sizes:
¼ to ¾ NPT
Pressure Range:
5-1000 PSI

KNG 69/55/51 SERIES
The KNG 69 Liquid Relief Valves are an industry standard liquid relief valve used for pressure relief and by-pass and are calibrated based on a range of flow-rates versus seat size and set pressure. Maximum pressure of 450 PSI

The KNG 51 liquid valves are smaller with a maximum pressure of 750 PSI.

The KNG 55 are small compact (liquid) water relief valves with a maximum pressure of 200 PSI

KNG 69
Sizes: ½ to 3 NPT

KNG 51
Sizes: ¼, ½, ¾ NPT

KNG 55
Sizes: ¼, ½, ¾ NPT
SAFETY VALVES

KNG SAFETY RELIEF VALVES

ASME Code Sections I & VIII, for air, gas, steam and liquid applications. Available in bronze, carbon steel, and stainless steel construction with a variety of seat materials available. 1/2” to 3” NPT inlet and D to J orifice sizes.

For full ordering information, please see the KNG Catalog.

KNG 740 SERIES

ASME and National Board Certified for Section VIII as well as CE and CRN Certifications. Pressures up to 1500 PSI.

KNG 560/570 SERIES

The KNG 560/570 Series is a high capacity safety valve used for boilers, piping lines and vessel protection, ASME and National Board Certified for Section I and VIII as well as CE and CRN Certifications.

KNG 88/89 SERIES

Multiple purpose safety valves for air / gas protection, ASME and National Board certified for Section VIII as well as CRN Certifications.

NON CODE VALVES

KNG 69/55/51 SERIES

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### PSI vs. Flow Chart for Kingston’s ASME Safety Valve

<table>
<thead>
<tr>
<th>VALVE SIZE</th>
<th>#1/8”</th>
<th>#1/4”</th>
<th>#3/8”</th>
<th>#1/2”</th>
<th>#3/4”</th>
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<th>#1 1/4”</th>
<th>#1 1/2”</th>
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<td>9/16”</td>
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<td>9/16”</td>
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Specifications subject to change w/o notice. **•**

![KINGSTON](Logo.png)

Manufacturing reliable industrial valves for industry since 1908.

Captured Exhaust
ASME Code Valves

Vent to Atmosphere
ASME Code Valves

Non Code Safety Valves

---

**WARNING:** This product can expose you to chemicals including lead, which is known to the state of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).
<table>
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<th>Max. Temp</th>
<th>Max Pressure</th>
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