

## **KUNKLE** MODEL 930 SAFETY VALVES

SAFETY AND RELIEF PRODUCTS

High capacity cast iron safety valve that meets ASME section IV steam standard 'HV' and is National Board certified



### **FEATURES**

- Extra high capacity for industrial, commercial and residential low pressure steam heating boilers.
- Cast iron body with bronze nozzle, disc and guide.
- Large seat area/guide area ratio and disc pivot design ensures optimum performance.
- Seats are lapped for optimum performance.
- Reversible lift lever for 'pull-up' or 'pull-down' manual testing.
- All adjustments factory sealed to prevent tampering or disassembly.
- Tested and inspected for pressure setting and leakage.

## **GENERAL APPLICATION**

Model 930 is suitable for use on low pressure steam heating boilers to ASME code section IV at 15 psig set pressure.

## **TECHNICAL DATA**

Sizes: Connections: Temperature: Pressure:

Code:

2", 2½", 3" Threaded NPT 250°F (121°C) 15 psig (1 barg) only ASME IV



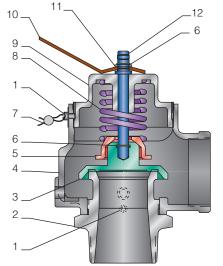
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## PARTS AND MATERIALS

No.	Part name	Materials
1	Set screw	SS
2	Nozzle	BRZ B584-C84400 or BRS B283-C48500
3	Disc	BRZ B584-C84400
4	Body	Cast Iron, A126 class A or B1
5	Step spring	Brass B16
6	Snap ring	SS, A151
7	Wire and seal	SS wire and lead seal
8	Spring	Steel, A231 aluminum coated
9[3]	Compression screw guide	BRZ B584-C84400
10	Lever	Steel
11	Lift washer	Brass, B16
12	Stem	SS, A582-303
13[2]	Gag bracket	Aluminum, SB211-6061-T6/anodized
14[2]	Threaded knob	Phenolic/stl, A108-1018 ZN PL
15 <sup>[2]</sup>	Washer	Stl, A108-1018 ZN PL
16[2]	Retaining washer	Nylon

# 15 15 13



## NOTES

- 1. Finish heat resistant gray primer paint.
- 2. Gag assembly ships with valve, not installed. Applies only to gag option.
- 3. Modified with 2 threaded holes for gag assembly. Applies only to gag option.

## SPECIFICATIONS[1]

Valve	Dimensions, in			Weight	Orifice area	Capacity
size <sup>[2]</sup>	Α	В	С	lb	in²	lb/h
2"	31/8	3	71/4	8	2.16	3164
21/2"	33/4	31/2	81/4	12	3.08	4501
3"	41/4	4	83/4	19	4.75	6949

# NOTES

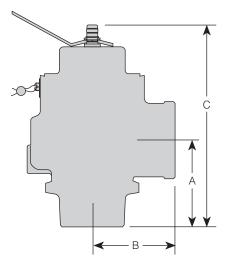
Dimensions are for reference only.

- 1. ASME section IV steam (U.S., lb/h): set pressure = 15 psig, flow coefficient = 0.818
- $2. \quad \hbox{Inlet and outlet are the same size}.$

# SELECTION GUIDE

**02** With gag

	5222011011 55152								
Example:		0930	-	Н	01	-	GC	0015	
Мо	Model								
093	0930								
Inlet size									
Н	2"								
J	21/2"								
Κ	3"								
Vai	Variation								
01	Catalog standard								



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