

Model 140

KUNKLE

Stainless Steel Liquid Safety Relief Valves

Features

- **Compact design** requires minimum installation space.
- **Angle lapped seat** provides tight shut-off.

Applications

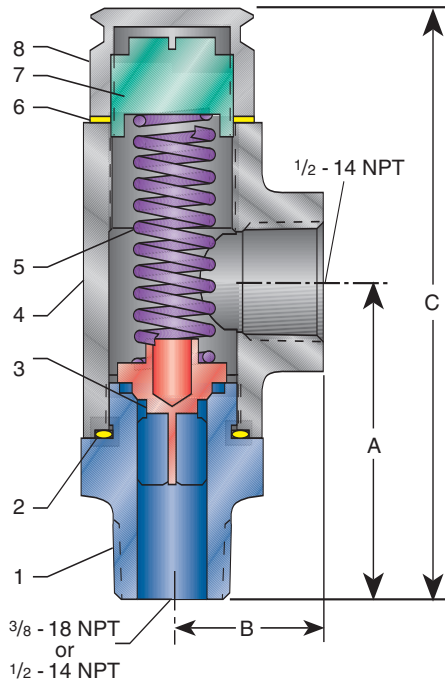
- A general utility valve of all SS construction, including spring, for liquid.

Pressure and Temperature Limits

- 10 to 300 psig
- 60° to 406°F
- 50 psig maximum back pressure



Model 140



Parts and Materials

No.	Part Name	Material
1	Nozzle	SS A582-303
2	O-ring	Teflon®
3	Disc	SS A743-CF8
4	Bonnet	SS A743-CF8
5	Spring	SS A313-302
6	Gasket	Teflon®
7	Compression Screw	SS A479-304
8	Cap	SS A479-304

Specifications

Size		Dimensions, in			Weight (oz)
Inlet	Outlet	A	B	C	
3/8" or 1/2"	1/2"	2 1/4	1 1/16	4	14

Dimensions are for reference only.

Capacities for Non-code Liquid - 25% Accumulation (GPM)

Set Pressure psig	Capacity GPM
10	0.9
20	1.5
30	2.1
40	2.8
50	3.4
60	4.1
70	4.8
80	5.5
90	6.2
100	6.9
110	7.6
120	8.3
130	9.0
140	9.6
150	10.2
160	10.8
170	11.3
180	11.8
190	12.3
200	12.8
210	13.2
220	13.5
230	13.8
240	14.1
250	14.3
260	14.5
270	14.6
280	14.6
290	14.6
300	14.5

Model Number/Order Guide

Model Number Position	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Example	0	1	4	0	-	B	0	1	-	M	E	0	1	0	0
Model 0140															
Inlet Size B - 3/8-inch C - 1/2-inch															
Variation (01 through 99) 01 - Catalog standard															
Design Revision Indicates non-interchangeable revision. Dash (-) if original design.															
Valve Service M - Non-code, Water															
Spring Material E - 302 SS															
Set Pressure 0050 - 50 psig 0300 - 300 psig															

Facility Phone: 828-669-3700

www.kunklevalve.com