# **KUNKLE** SAFETY AND RELIEF PRODUCTS
## MODELS 30

ASME Section VIII Air/Gas, "UV" National Board Certified, Safety Valves

Model 30

## Features

- Top guided disc provides optimum performance.
- Each Kunkle valve is tested and inspected for pressure setting and leakage.

## Technical data

### Pressure and Temperature Limits

60 to 4000 psig [4 to 276 barg]
-20° to 300°F [-29° to 150°C]

**Code:** ASME UV

## Applications

- Small to medium size, multi-stage, air compressors, intercoolers, aftercoolers, instrument/control air lines and systems.
- Air tanks/receivers and pressurized equipment.

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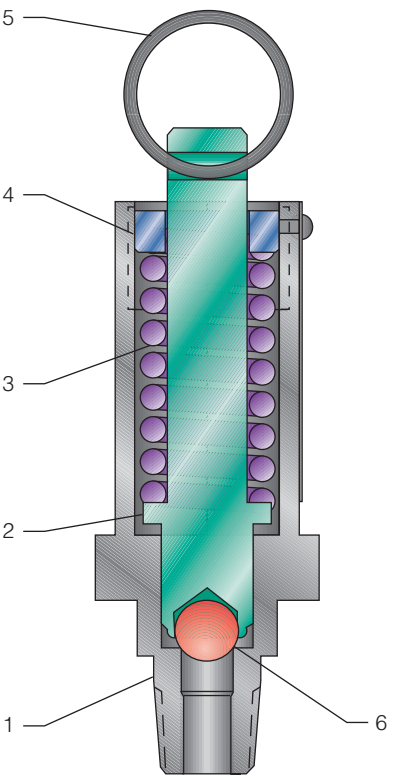
## ASME Section VIII Air/Gas, "UV" National Board Certified, Safety Valves

### ASME Section VIII Air Capacity 10% Accumulation; 60°F [16°C]

| Set Pressure psig | [barg] | Capacity SCFM | [Nm³/h] |
|---|---|---|---|
| 60 | [4] | 15 | [23] |
| 100 | [6.9] | 23 | [37] |
| 250 | [17.2] | 54 | [87] |
| 300 | [20.7] | 64 | [103] |
| 400 | [27.6] | 85 | [136] |
| 500 | [34.5] | 105 | [169] |
| 750 | [51.7] | 156 | [251] |
| 1000 | [69.0] | 207 | [334] |
| 1250 | [86.2] | 258 | [416] |
| 1500 | [103.4] | 310 | [499] |
| 1750 | [121.0] | 361 | [580] |
| 2000 | [138.0] | 412 | [663] |
| 2250 | [155.0] | 463 | [745] |
| 2500 | [172.0] | 514 | [826] |
| 3000 | [207.0] | 617 | [993] |
| 3500 | [241.0] | 719 | [1155] |
| 4000 | [276.0] | 821 | [1320] |

### Parts and Materials

| No. | Part Name | Material |
|---|---|---|
| 1 | Body | Brass |
| 2 | Guide | Brass |
| 3 | Spring | SS |
| 4 | Compression Screw | Brass |
| 5 | Lift Ring | SS |
| 6 | Ball | Torlon® |




### Model Number/Order Guide

| Model Number Position | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Example | 0 | 0 | 3 | 0 | — | A | 0 | 1 | — | K | M | 0 | 2 | 5 | 0 |

**Model**
0030

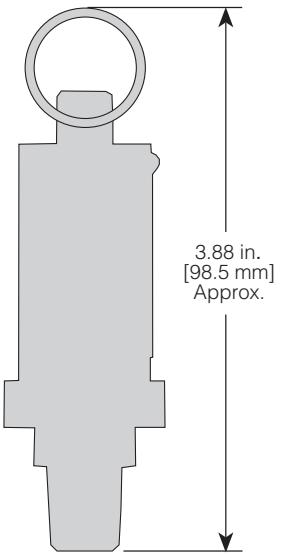
**Inlet Size**
A - 1/4"

**Variation (01 to 99)**
01 - Catalog standard NPT connection
60 - BSPT connection

**Design Revision**
Indicates non-interchangeable revision. Dash (-) if original design.

**Spring Material**
M - SST

**Set Pressure**
0060 - 60 psig [4 barg]
4000 - 4000 psig [276 barg]




Model 30

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