



KUNKLE MODEL 30 SAFETY VALVE

SAFETY AND RELIEF PRODUCTS

A top venting brass safety valve that meets ASME Section VIII, UV, for air/gas service



FEATURES

- Top guided disc provides optimum performance.
- Tested and inspected for pressure setting and leakage.
- National Board certified.

GENERAL APPLICATION

Model 30 is suitable for use on small to medium size multi-stage air compressors, intercoolers, aftercoolers, instrument/control air lines and systems and for air tanks/receivers and pressurized equipment.

TECHNICAL DATA

Connections: Threaded NPT or BSPT
Temperature range: -20° to 300°F
(-29° to 150°C)
Pressure range: 60 to 4000 psig
(4 to 276 barg)
Code: ASME VIII



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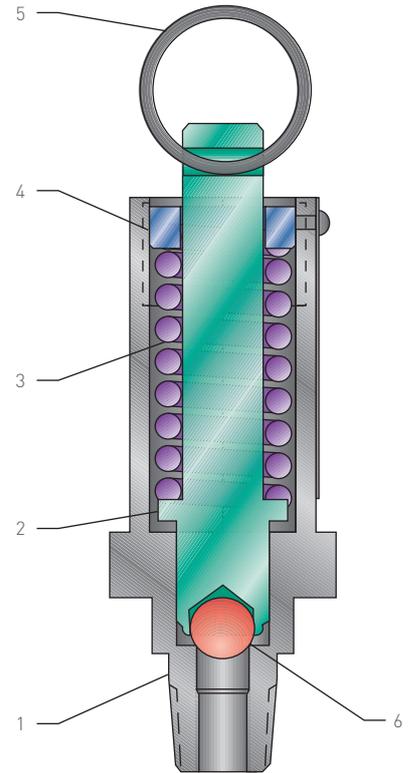
SAFETY AND RELIEF PRODUCTS

ASME SECTION VIII AIR CAPACITY 10% ACCUMULATION; 60°F (16°C)

| Set pressure | | Capacity | |
|--------------|---------|----------|----------------------|
| psig | (barg) | SCFM | (Nm ³ /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 | PTFE |



SELECTION GUIDE

| | | | | | | | | |
|-----------------------------|-------------|--|----------|-----------|----------|----------|----------|-------------|
| Example: | 0030 | - | A | 01 | - | K | M | 0250 |
| Model | 0030 | | | | | | | |
| Inlet size | A | $\frac{1}{4}$ " | | | | | | |
| 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) | | | | | | |

