

Model 1400 LP

Description

| | |
|--------------------|--|
| Type | Safety and Relief valve |
| Connections/Rating | Flanged EN 1092 PN-16 |
| Material | Nodular Iron, Carbon steel, Stainless steel, LCC, Duplex and SuperDuplex |
| Temperature range | -196°C to +425°C |

Technical information

| | |
|------------------------|-----------------------------------|
| Applications | Steam, gases, vapours and liquids |
| Min. Set pressure | 5 mbarg to 200 mbarg |
| Overpressure | 10% |
| Blowdown | Gases 10%, liquids 20% |
| Tolerance Set pressure | ± 3% |

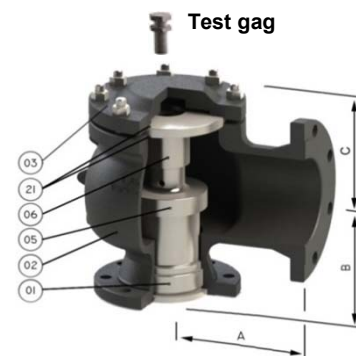
Requirements

| | |
|---------------|---------------------------|
| Calculation | EN-4126-1 / 7 |
| Design / Size | EN-12516-1, EN-4126-1 / 7 |
| Materials | EN / ASTM |
| Inspection | EN-4126-1 / 7, MSS-SP-55 |
| Tolerances | EN-4126-1 and ASME UG-126 |

Construction and materials

| Item | Description | Material | | |
|------|--------------|---------------|-----------------|---------------|
| | | Nodular iron | Stainless steel | Carbon steel |
| 1 | Nozzle | AISI-304 | AISI-304 | AISI-304 |
| 2 | Body | EN-JS1030 | 1.4409 | C.S. 1.0619 |
| 3 | Cover | Carbon steel | AISI-304 | Carbon steel |
| 5 | Disc | AISI-316L | AISI-316L | AISI-316L |
| 6 | Guide | AISI-304 | AISI-304 | AISI-304 |
| 21 | Gasket cover | GRAPHITE+S.S. | GRAPHITE+SS | GRAPHITE+S.S. |

Recommended spare parts



Dimensions

| | Orif. (mm) | Area (mm ²) | PN 16 (mm) | | | Weight (kg) W |
|-----------|---------------|----------------------------|---------------|-----|-----|---------------------|
| | | | A | B | C | |
| 25 x 40 | 23,8 | 445 | 100 | 105 | 75 | 10 |
| 32 x 50 | 29,5 | 683 | 110 | 115 | 105 | 11 |
| 40 x 65 | 36 | 1018 | 115 | 140 | 105 | 11 |
| 50 x 80 | 46 | 1662 | 120 | 150 | 155 | 20 |
| 65 x 100 | 60 | 2827 | 140 | 170 | 165 | 30 |
| 80 x 125 | 72 | 4072 | 160 | 195 | 175 | 52 |
| 100 x 150 | 90 | 6362 | 180 | 220 | 175 | 75 |
| 125 x 200 | 105 | 8659 | 200 | 250 | 175 | 105 |
| 150 x 200 | 125 | 12.272 | 241 | 240 | 200 | 120 |
| 150 x 250 | 125 | 12.272 | 225 | 285 | 200 | 120 |
| 200 x 250 | 153 | 18.385 | 279 | 276 | 225 | 152 |
| 200 x 300 | 153 | 18.385 | 300 | 290 | 225 | 152 |
| 250 x 350 | 200 | 31.415 | 406 | 305 | 250 | 515 |
| 300 x 400 | 228 | 40.828 | 406 | 359 | 375 | 600 |
| 400 x 500 | 304 | 72.950 | 533 | 432 | 400 | 900 |