

## Válvula de brida accionado manualmente Serie SE39

### DN15 up to DN150; PN40 and PN16

**Pneumatically operated flanged valves for the control of neutral, lightly and highly aggressive fluids.**

- Compact design
- Unaffected by lightly contaminated media
- For temperatures from -100°C up to +220°C
- Working pressures up to 40 bars
- Rotatable actuator
- Customized execution

#### Technical Information

|                                                                                                        |                                                                                                                                                                                                                                                                  |                                                                                         |
|--------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| Nominal sizes                                                                                          | DN 15 up to DN 80                                                                                                                                                                                                                                                | DN 100 up to DN 150                                                                     |
| Body material                                                                                          | 1.4408 (CF8M)                                                                                                                                                                                                                                                    | 1.4308 (CF8)                                                                            |
| Connection                                                                                             | Flanges acc. DIN EN 1092-1 (DN15-DN80)<br>Flanges acc. ASME 16.5 ANSI #150 (DN15-DN50)                                                                                                                                                                           | Flanges acc. DIN EN 1092-1                                                              |
| Dimensions                                                                                             | acc. DIN EN 558-1 Row 1 (DN15-DN80)<br>acc. ANSI/ISA-75.08.01 (DN15-DN50)                                                                                                                                                                                        | acc. DIN EN 558-1 Row 1                                                                 |
| Nominal pressure                                                                                       | PN 40, ANSI #150                                                                                                                                                                                                                                                 | PN 16                                                                                   |
| Max. fluid temperature*:<br>with metal bonnet<br>with plastic bonnet<br>diaphragm act. stainless steel | -30°C up to +170°C, opt. -100°C up to +220°C<br>-30°C up to +135°C<br>-30°C up to +200°C, opt. -30°C up to +220°C                                                                                                                                                | -30°C up to +170°C, opt. -30°C up to +200°C<br>-30°C up to +135°C<br>-30°C up to +200°C |
| Ambient temperature*                                                                                   | -15°C up to +60°C (special versions from -40°C up to +100°C possible)                                                                                                                                                                                            |                                                                                         |
| Viscosity of media                                                                                     | maximum 600 mm²/s (600cSt, 80°E)                                                                                                                                                                                                                                 |                                                                                         |
| Vakuum                                                                                                 | maximum 0,001 bar abs                                                                                                                                                                                                                                            |                                                                                         |
| working pressure                                                                                       | See tables and diagrams,<br>limitation for dangerous gases acc. Pressure equipment directive 2014/68/EU (category I): PS x DN ≤ 1000 and DN ≤ 100,<br>limitation for dangerous liquids acc. Pressure equipment directive 2014/68/EU (category I): PS x DN ≤ 2000 |                                                                                         |
| Working pressure for packing underneath                                                                | maximum 12 bar                                                                                                                                                                                                                                                   |                                                                                         |
| Working pressure for bellows                                                                           | maximum 16 bar                                                                                                                                                                                                                                                   |                                                                                         |
| Classification DIN EN ISO15848-1                                                                       | ISO FE BH-CC3-SSA1-t(-30°C, +80°C) Test pressure 40 bar                                                                                                                                                                                                          |                                                                                         |
| Leakage acc. EN 12266-1                                                                                | leakage class A                                                                                                                                                                                                                                                  |                                                                                         |

\*: For further temperature versions and limits please consult the table on page 22

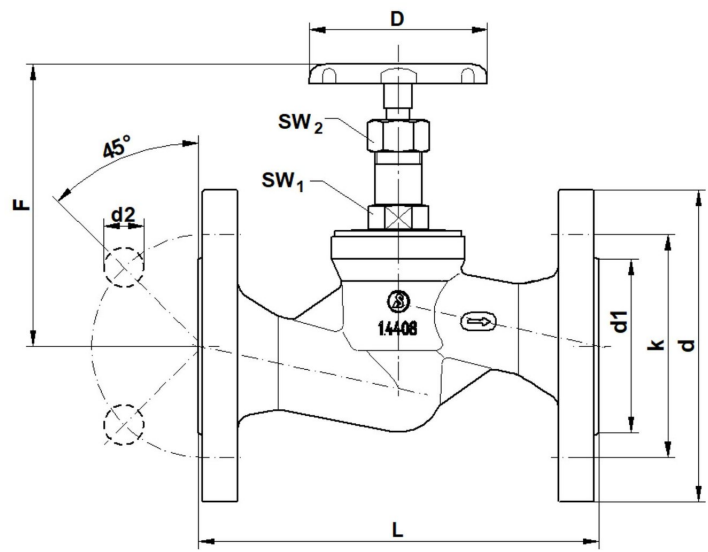
#### Options and accessories

- Stroke limitation
- Manual emergency operation
- El. position indicator with inductive or mechanical limit switches
- Pilot vavles
- AS-I control head
- Oil- and greasefree version, PTFE-free version, siliconfree version
- Version for oxygen or ozon applications
- FDA-compliant version
- Version acc. regular (EG) 1935/2004
- Offshore-version
- Feedback unit for inductive limit switches
- Version for higher pilot pressures
- Version for under water use
- ...



DN15 - DN40 Manual actuator

Dimensions and Weights



| Size | L   | D   | d   | d2 | d1 | k   | F<br>open | F<br>closed | SW1 | SW2 |
|------|-----|-----|-----|----|----|-----|-----------|-------------|-----|-----|
| 15   | 130 | 70  | 95  | 14 | 45 | 65  | 107       | 93          | 19  | 20  |
| 20   | 150 | 70  | 105 | 14 | 58 | 75  | 122       | 105         | 19  | 20  |
| 25   | 160 | 80  | 115 | 14 | 68 | 85  | 138       | 117         | 24  | 24  |
| 32   | 180 | 80  | 140 | 18 | 78 | 100 | 181       | 146         | 24  | 24  |
| 40   | 200 | 100 | 150 | 18 | 88 | 110 | 151       | 127         | 27  | 27  |

The maximum differential pressures for manual valves are equivalent to the maximum pressures of the pressure ratings. (see p.12)

TAG Números SE39-25-STW-01

3301.V90-QM135 3301.V90-QM127 3302.V90-QM135 3302.V90-QM127 3303.V90-QM135 3303.V90-QM127  
3304.V90-QM135 3304.V90-QM127 3305.V90-QM135 3305.V90-QM127 3306.V90-QM135 3306.V90-QM127  
3307.V90-QM135 3307.V90-QM127 3308.V90-QM135 3308.V90-QM127 3309.V90-QM135 3309.V90-QM127  
3310.V90-QM135

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