

Flanged valve manually actuated Series 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) 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) 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*: with metal bonnet with plastic bonnet diaphragm act. stainless steel	-30°C up to +170°C, opt. -100°C up to +220°C -30°C up to +135°C -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 -30°C up to +135°C -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 mm ² /s (600cSt, 80°E)	
Vakuum	maximum 0,001 bar abs	
working pressure	See tables and diagrams, limitation for dangerous gases acc. Pressure equipment directive 2014/68/EU (category I): PS x DN ≤ 1000 and DN ≤ 100, 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 valves
- 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
- ...



