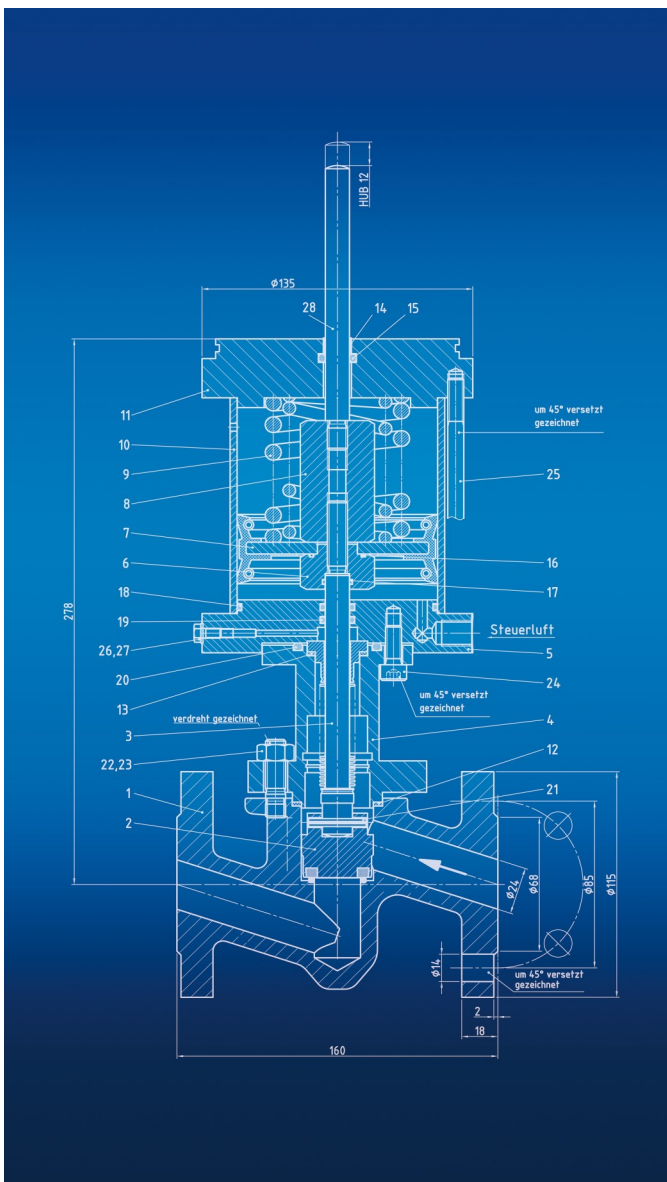




ALBRECHT-AUTOMATIK GMBH

Safety quick-closing valves for Oil

Installation example: Quick-closing ASV valve with 3/2-way solenoid valves and micro limit switches for "Open" and "Closed". ASV valve version with electro-pneumatic positioner. The safety quick-closing valve is available as a small poppet valve, impressing with its diverse properties. It is designed to prevent hazardous operating conditions and protect the plant. In the event of an auxiliary power failure, the valves close by spring force within **1 second** and in the control function within **5 seconds**.



Production series

ASV

Nominal diameters

DN 15, 20, 25

Inch 3/8", 3/4", 1"

KVAZ

DN 32, 40, 50

Inch 1 1/4", 1 1/2", 2"

Other sizes are available on request.

vent valve KVAZ

DN 15, 20, 25, 32, 40, 50

inch 3/8", 3/4", 1", 1 1/4", 1 1/2", 2"

Accessories

Dirt trap

also for high-pressure

Nominal diameters

DN 15 to 50

inch 3/8" to 2"

Solenoid valves:

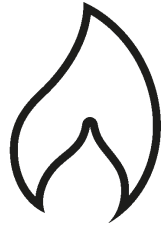
2/2-way, 3/2-way, 5/2-way

Bürkert

Norgren/Buschjost

Asco Numatics

Other manufacturers are available on request



Areas of use:

Heating oil EL, M, S and oils not according to.



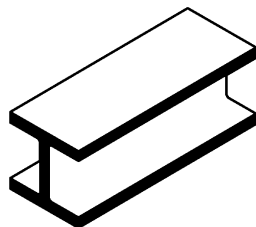
Operating temperature /

Ambient temperature:

-20 °C to +300 °C.

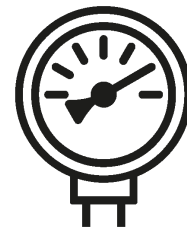
-20 °C to +80 °C.

Other temperatures on request.



Housing material:

- DIN GP240GH (1.0619); P250GH (1.0460);
G-X6CrNiMo18 10 (1.4408);
X6CrNiMoTi17-12-2 (1.4571)
- ANSI A105, A216 WCB
Special materials
Material certification according to EN 10204



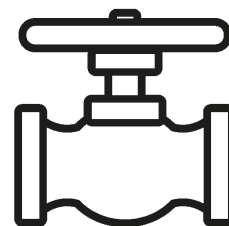
Operating pressure:

max. 24bar to +300°C

max. 28bar to +230°C

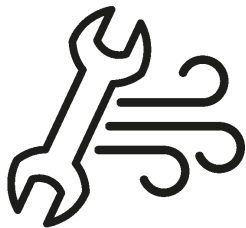
max. 32bar to +200°C

max. 40bar to +120°C



Valve housing:

DIN and ANSI flange connections and welded ends.



Control medium:

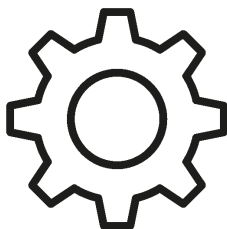
Filtered and anhydrous compressed air 3 to 10 bar.



Limit switch:

In accordance with the customer's requirements
(mechanical or initiator)

Switching and detection unit dimensions dependent on
design.



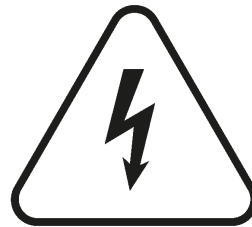
Non-standard models:

Larger nominal diameters and higher pressures are
available on request.



Valve spindle material:

- with bellows: X6CrNi1810 (1.4541) / X6CrNiMoTi1
-12-2 (1.4571) and special materials
- with rod sealing system: X5CrNi1810 (1.4301)



Control voltage:

24 VDC; 230 VAC other voltages are available on
request from DN100 with upstream quick-vent
valve.



Degree of protection:

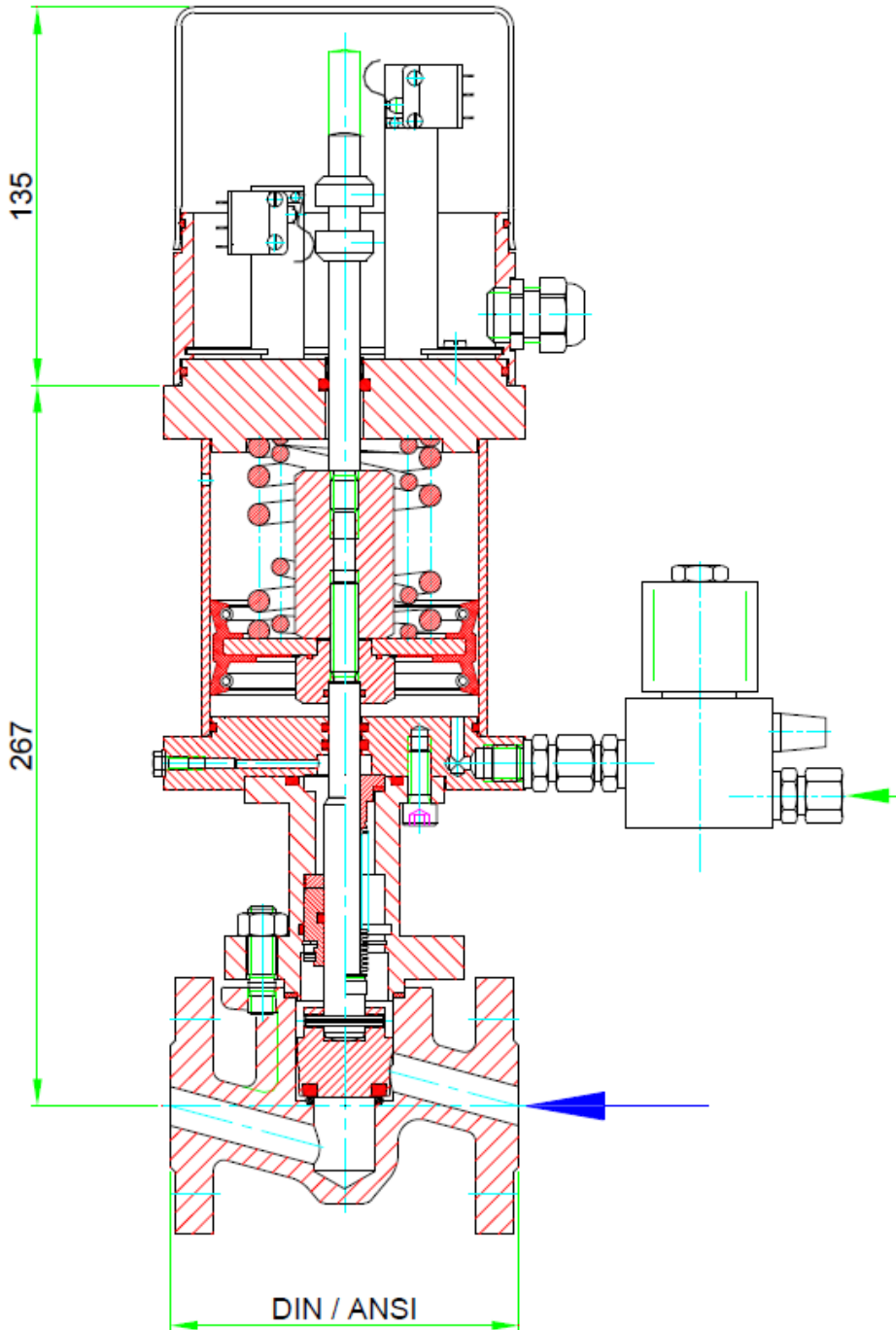
IP65 Standard

ATEX Directive 2014/34/EU

Other protection classes are available
on request.



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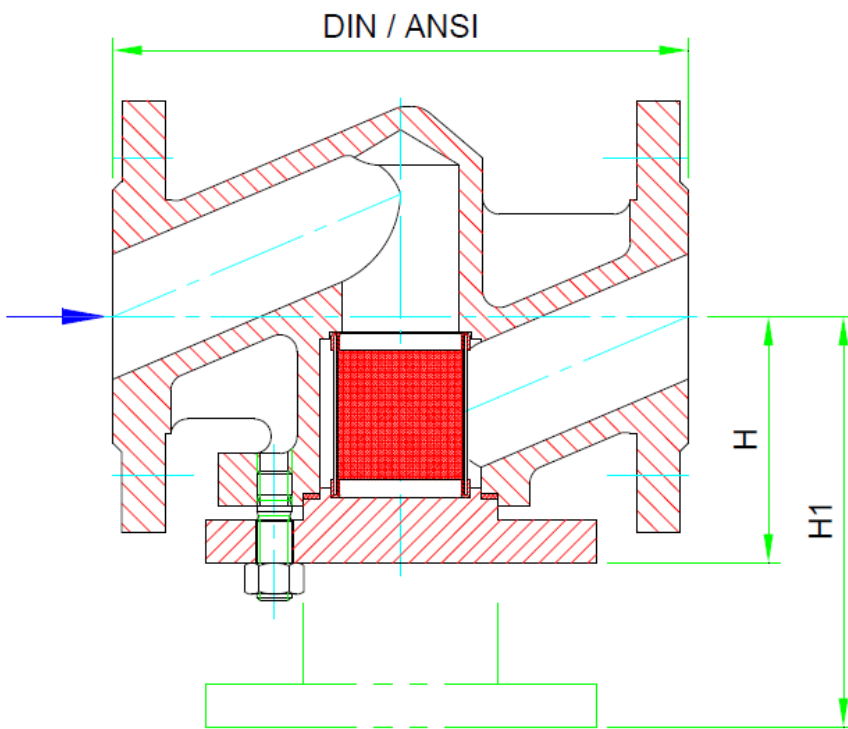
ASV/N

Installation example:

ASV/N with 3/2-way solenoid valve and micro limit switches for "Open" and "Closed"

DN	Overall length in mm			Weight in kg
	DIN PN 10-40	ANSI 150lbs	ANSI 300lbs	DIN PN10-40
15	130	108	152	12
20	150	117	178	13
25	160	127	203	14

Weight data for variant ASV/N without attachments



Dirt trap

Installation example: DN40

Installation example:

Dirt trap Straight seat
with replaceable screen basket.
With drain screw from DN65 onwards.

Note: A version with differential pressure display (visual or with electrical contact) is available to monitor the level of contamination.
Straight seat with replaceable screen basket.

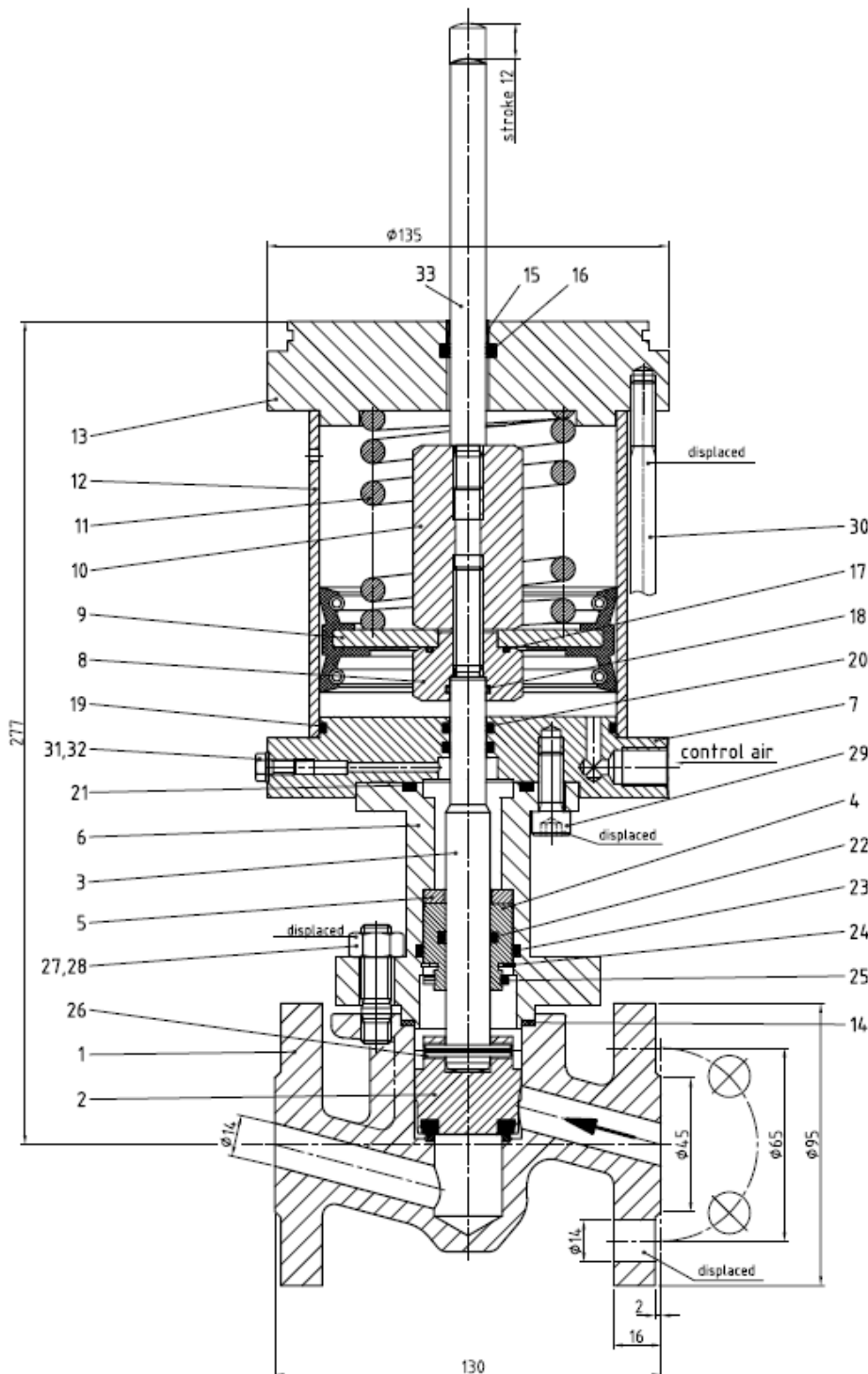
	DN	15	20	25	32	40	50
	H	70	70	80	85	95	110
Dimension	H 1	110	110	130	130	145	155
Overall lengths mm	DIN PN40	130	150	160	180	200	230
	ANSI 150lbs	108	117	127		165	203
	ANSI 300lbs	152	178	203		229	267
Weight	DIN PN40	4	5	6	7	10	12



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ASV-N

60A10I01



pos. description

- | | |
|----|-------------------------|
| 1 | casing |
| 2 | valve cone |
| 3 | stem |
| 4 | packing |
| 5 | pressure part |
| 6 | center part |
| 7 | bottom lid |
| 8 | base portion |
| 9 | control piston |
| 10 | piston nut |
| 11 | set of pressure springs |
| 12 | control tube |
| 13 | top lid |
| 14 | flat seal |
| 15 | sliding bearing |
| 16 | o-ring |
| 17 | o-ring |
| 18 | o-ring |
| 19 | o-ring |
| 20 | o-ring |
| 21 | o-ring |
| 22 | o-ring |
| 23 | o-ring |
| 24 | safety ring |
| 25 | safety ring |
| 26 | tension pin |
| 27 | stud bolt |
| 28 | hexagon nut |
| 29 | cylinder head screw |
| 30 | hexagon screw |
| 31 | hexagon screw |
| 32 | flat seal |
| 33 | adjust rod |