

Angle Bodied Flanged Valve 7031

DN 15 up to DN 65 PN40

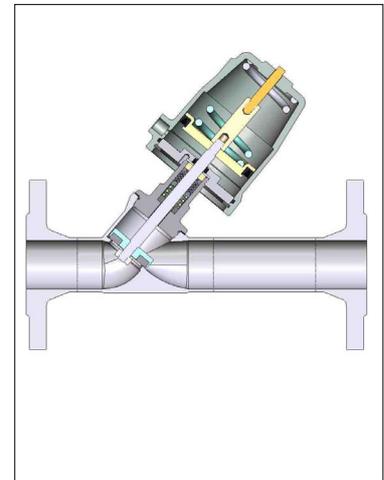


Pneumatically operated angle bodied flanged valves for the control of neutral, slightly aggressive and highly aggressive media.

- Compact design
- Unaffected by lightly contaminated media
- For temperatures from -30°C up to +200°C
- Working pressure up to 40 bar
- Versatile actuator options

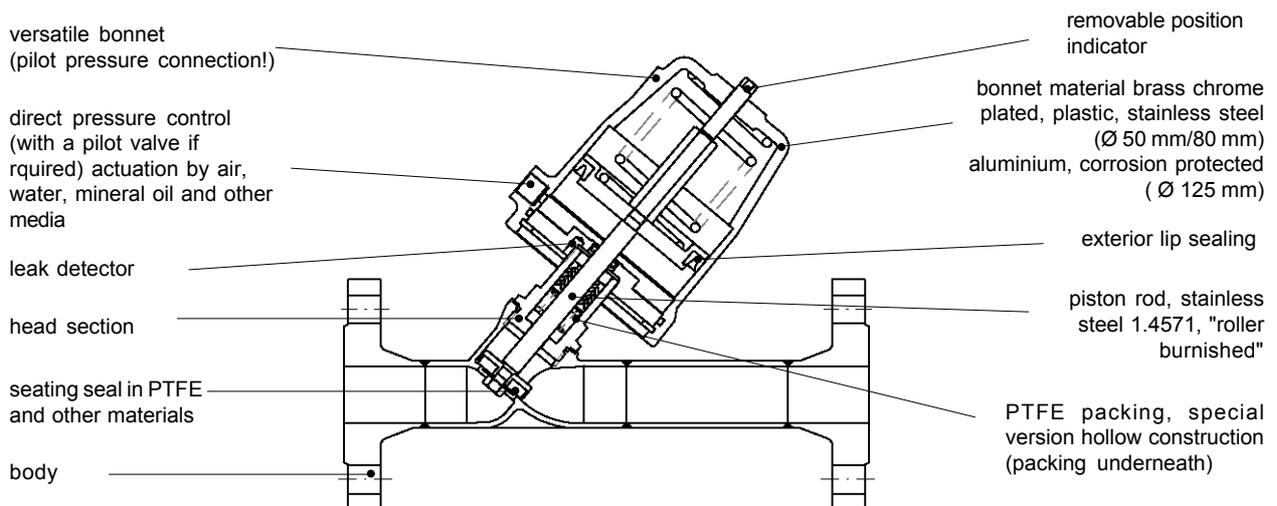
Technical Information

Nominal size	DN 15 up to DN 50, PN40 DN 65, PN16
Connections	flange acc. DIN EN 1092-1 flange acc. ANSI #150
Nominal pressure	PN 40 / ANSI #150
Max. fluid temperature:	
with metal bonnet	-30°C up to +170°C, opt. +200°C
with plastic bonnet	-30°C up to +135°C
Ambient temperature	-30°C up to +60°C
Viscosity of the fluid	maximum 600 mm ² /s (600cSt, 80°E)
Vacuum	maximum 0,001 bar abs
Working pressure for hollow construction	maximum 12 bar



Options

- e.g.:
- limit switches
 - inductive proximity switch
 - electrical switches
 - pneumatic switches
 - pilot valves
 - manual override
 - oil and grease free version
 - PTFE free version
 - ASI-Bus



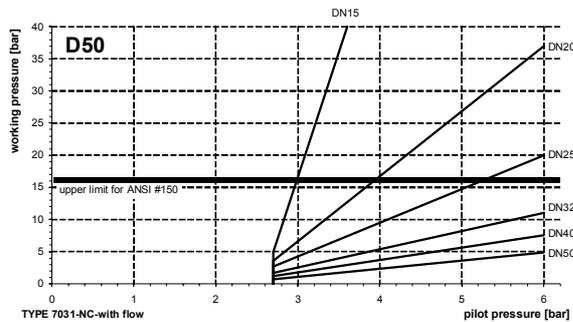
normally closed

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Spring closed NC (closing with flow)

Normally closed angled bodied flange valves, closing with the flow. Operates better with gases, with liquids water hammer is possible.

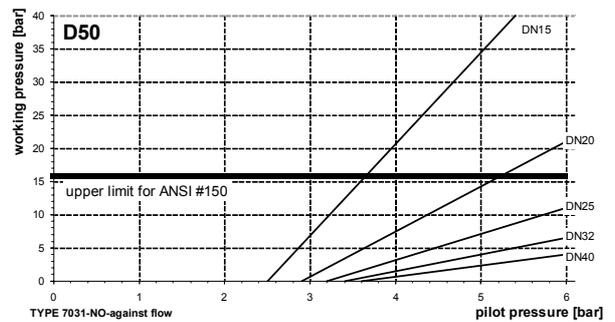
Actuator diameter 50 mm



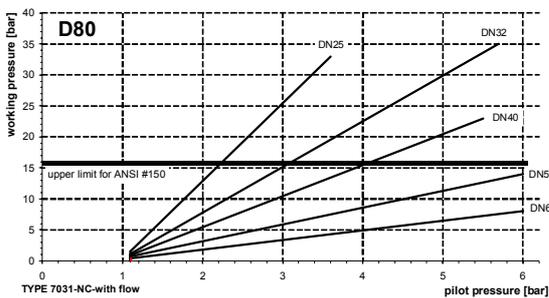
Spring opens NO (closing against flow)

Normally open angled bodied flanged valves, closing against the flow

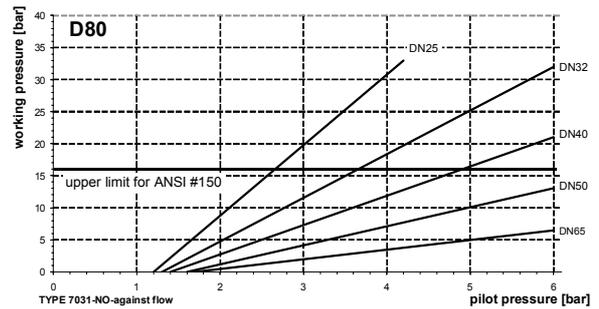
Actuator diameter 50 mm



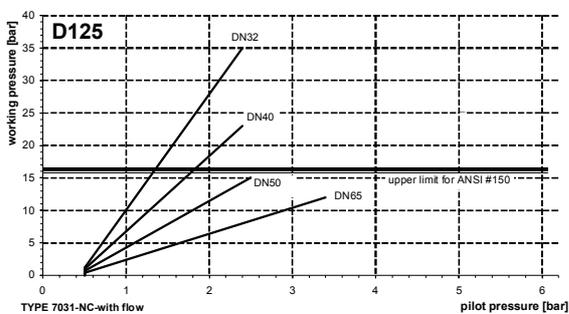
Actuator diameter 80 mm



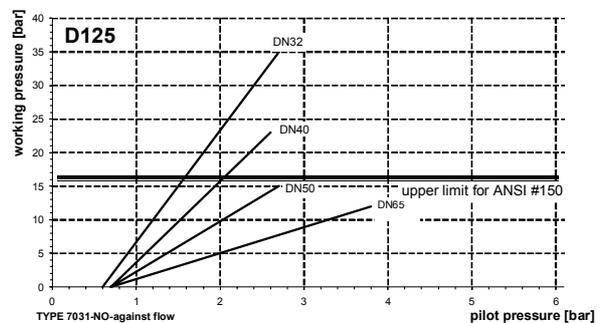
Actuator diameter 80 mm



Actuator diameter 125 mm

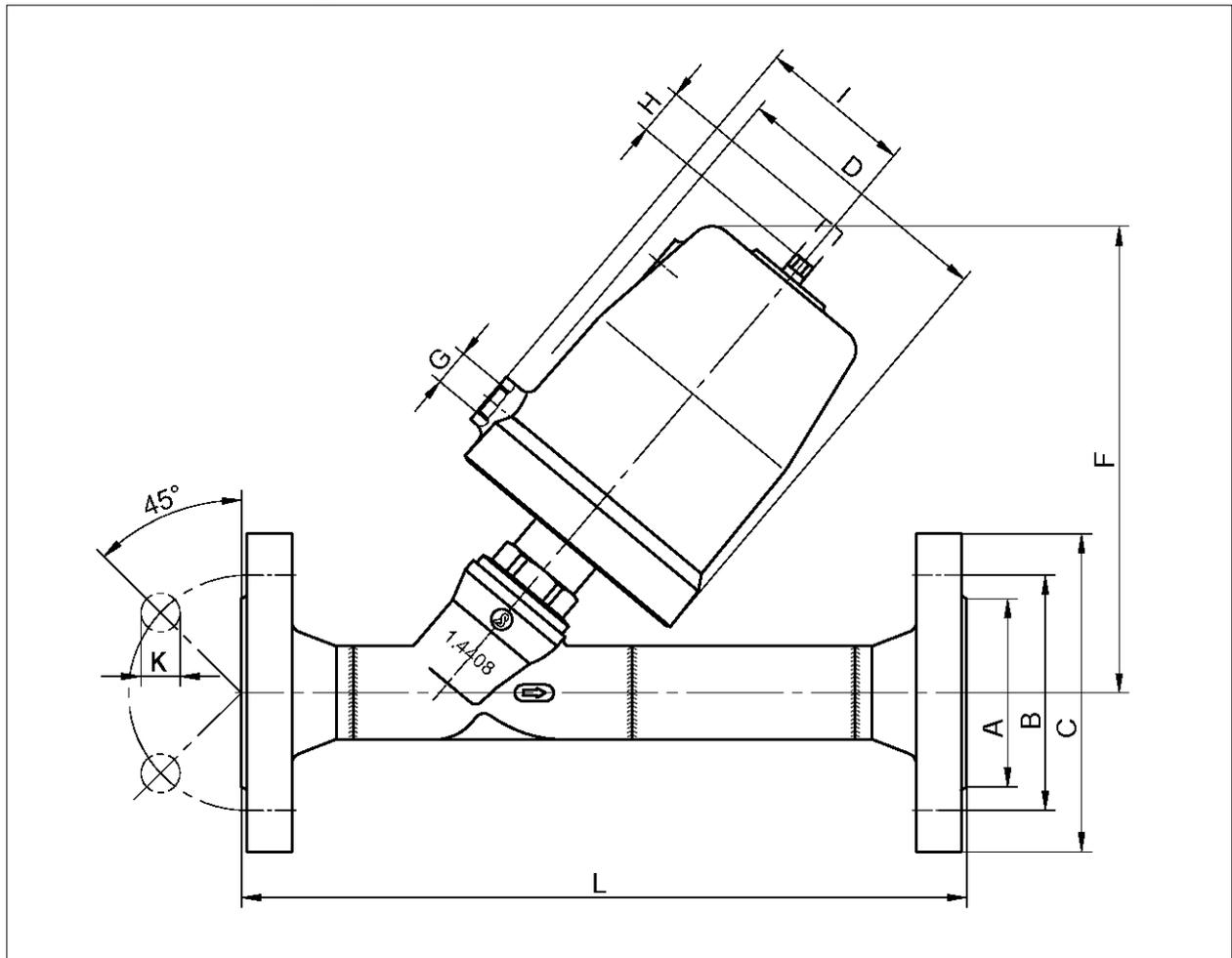


Actuator diameter 125 mm



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Dimensions and Weights



DN	piston Ø	A		B		C		D	F	G	H (stroke)	I	K		L*	M	N number of borings	Kvs- value	Weight (kg)
		PN40 (DN65 PN16)	ANSI #150	PN40 #150	ANSI #150	PN40 #150	ANSI #150						PN40 #150	ANSI #150					
15	50	45	35,1	65	60,5	95	88,9	62	125	G1/8	7	34,5	14	15,75	230	65	4	3,5	2,7
20	50	58	43	75	69,9	105	98,6	62	125	G1/8	12	34,5	14	15,75	260	75	4	9	3,4
25	50	68	50,8	85	79,3	115	108	62	130	G1/8	16	34,5	14	15,75	260	85	4	15	4,1
25	80	68	50,8	85	79,3	115	108	98	170	G1/4	16	55	14	15,75	260	85	4	17	5,7
32	50	78	63,5	100	88,9	140	117,4	62	145	G1/8	16	34,5	18	15,75	300	100	4	21	5,7
32	80	78	63,5	100	88,9	140	117,4	98	185	G1/4	20	55	18	15,75	300	100	4	24	7,2
32	125	78	63,5	100	88,9	140	117,4	146	215	G1/4	20	80	18	15,75	300	100	4	24	9,4
40	50	88	73,2	110	98,6	150	127	62	150	G1/8	16	34,5	18	15,75	300	110	4	30	6,4
40	80	88	73,2	110	98,6	150	127	98	190	G1/4	23	55	18	15,75	300	110	4	37	7,9
40	125	88	73,2	110	98,6	150	127	146	220	G1/4	23	80	18	15,75	300	110	4	37	10
50	50	102	92	125	120,7	165	152,4	62	160	G1/8	16	34,5	18	19,05	350	125	4	40	8,6
50	80	102	92	125	120,7	165	152,4	98	195	G1/4	29	55	18	19,05	350	125	4	58	10,1
50	125	102	92	125	120,7	165	152,4	146	225	G1/4	29	80	18	19,05	350	125	4	58	12,5
65	80	122	104,7	139,7	139,5	185	177,8	98	215	G1/4	29	55	18	19,05	400	125	4	80	13,9
65	125	122	104,7	139,7	139,5	185	177,8	146	245	G1/4	29	80	18	19,05	400	125	4	80	14,6

Text and pictures are not binding. We reserve the right, to alter the equipment.

* Dimensions in accordance with DIN 3202, T1 F3

dimensions in mm