

Angle Seat Valve 7010

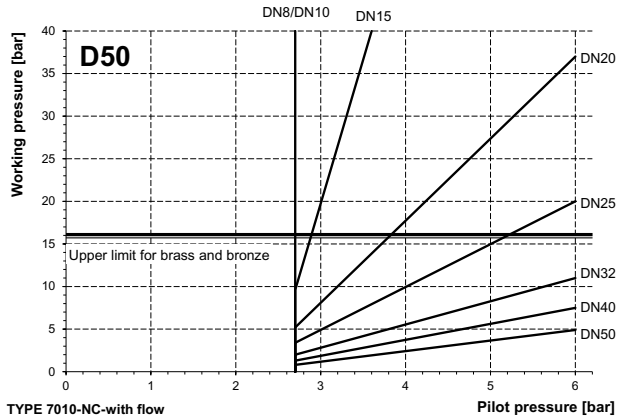
standard design



Spring closes NC (closing with flow)

Normally closed angle seat valves, closing with the flow. Operates better with gases, with liquids water hammer is possible.

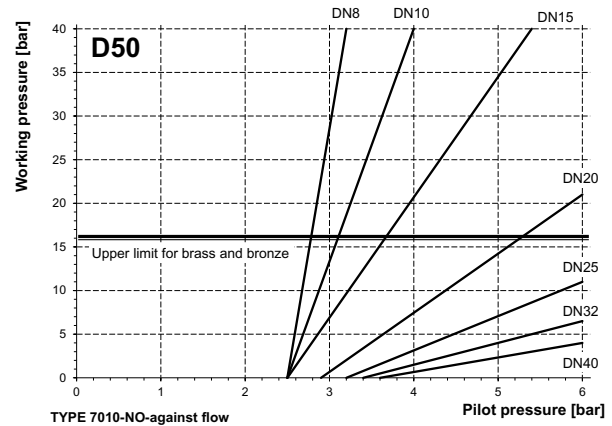
Actuator diameter 50 mm



Spring opens NO (closing against flow)

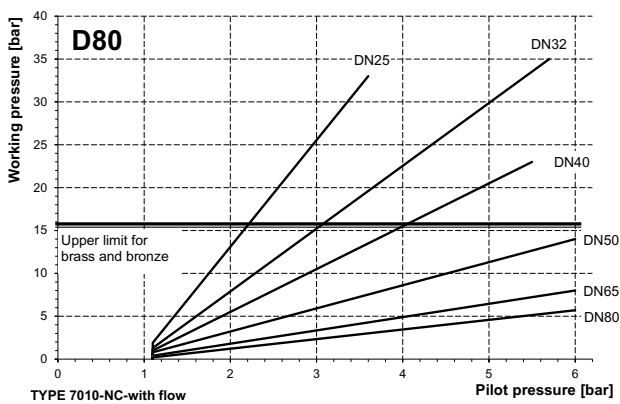
Normally open angle seat valves, closing against the flow.

Actuator diameter 50 mm

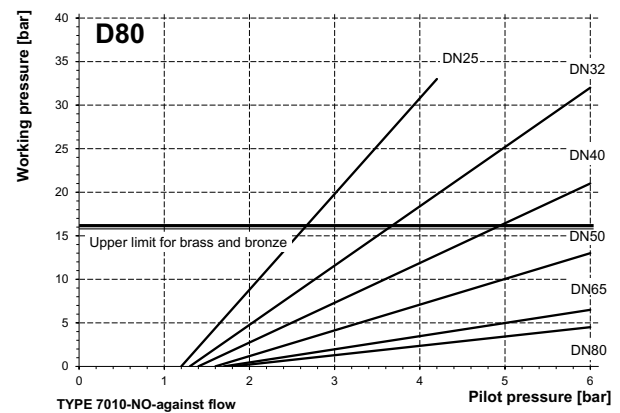


maximum pilot pressure 1 bar more than necessary pilot pressure for working pressure

Actuator diameter 80 mm

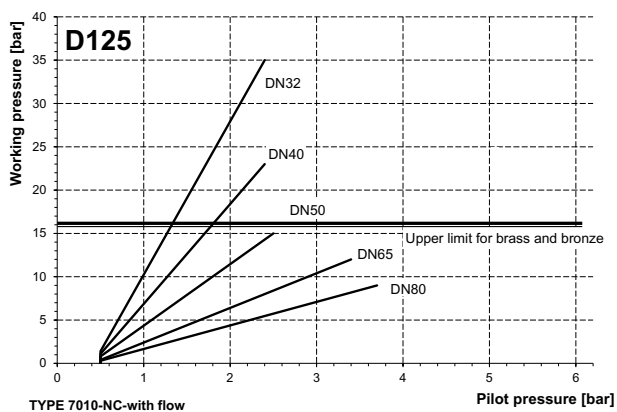


Actuator diameter 80 mm

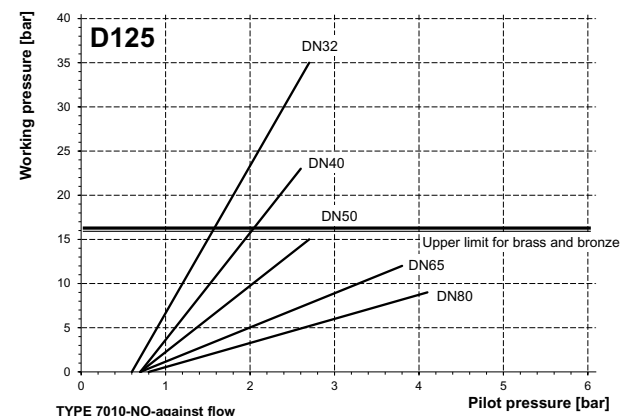


maximum pilot pressure 0,8 bar more than necessary pilot pressure for working pressure

Actuator diameter 125 mm



Actuator diameter 125 mm



maximum pilot pressure 0,5 bar more than necessary pilot pressure for working pressure

Angle Seat Valve 7010

standard design

NC (closing against flow)

Nominal size	Working pressure (i.e. Differential) bar		Pilot pressure bar	Piston Ø mm	Springs
	stainless steel	bronze			
DN8	40	-	3,5 - 10	50	1
DN10	40	-	3,5 - 10	50	1
DN15	22	16	3,5 - 10	50	1
DN20	7	7	3,5 - 10	50	1
DN20	13	13	4,5 - 10	50	2
DN20	19	16	5,7 - 10	50	3
DN25	2,5	2,5	3,5 - 10	50	1
DN25	5,8	5,8	4,5 - 10	50	2
DN25	9	9	5,7 - 10	50	3
DN25	22	16	3,5 - 10	80	1
DN32	1,1	1,1	3,5 - 10	50	1
DN32	3,1	3,1	4,5 - 10	50	2
DN32	5,2	5,2	5,7 - 10	50	3
DN32	12	12	3,5 - 10	80	1
DN32	17	16	4,4 - 10	80	2
DN32	22	16	5,6 - 10	80	3
DN32	11	11	1,3 - 10	125	1
DN32	23	16	2,2 - 10	125	2

Nominal size	Working pressure* (i.e. Differential) bar		Pilot pressure bar	Piston Ø mm	Springs
	stainless steel	bronze brass			
DN40	1,9	1,9	4,5 - 10	50	2
DN40	3,3	3,3	5,7 - 10	50	3
DN40	7	7	3,5 - 10	80	1
DN40	10	10	4,4 - 10	80	2
DN40	13	13	5,6 - 10	80	3
DN40	7	7	1,3 - 10	125	1
DN40	15	15	2,2 - 10	125	2
DN40	21	16	3,1 - 10	125	3
DN50	4	4	3,5 - 10	80	1
DN50	6	6	4,4 - 10	80	2
DN50	7,5	7,5	5,6 - 10	80	3
DN50	8,5	8,5	2,2 - 10	125	2
DN50	13	13	3,1 - 10	125	3
DN65	4	3,8 *	5,6 - 10	80	3
DN65	5	4,5 *	2,2 - 10	125	2
DN65	7	6,4 *	3,1 - 10	125	3
DN80	**	4,5 *	3,1 - 10	125	3

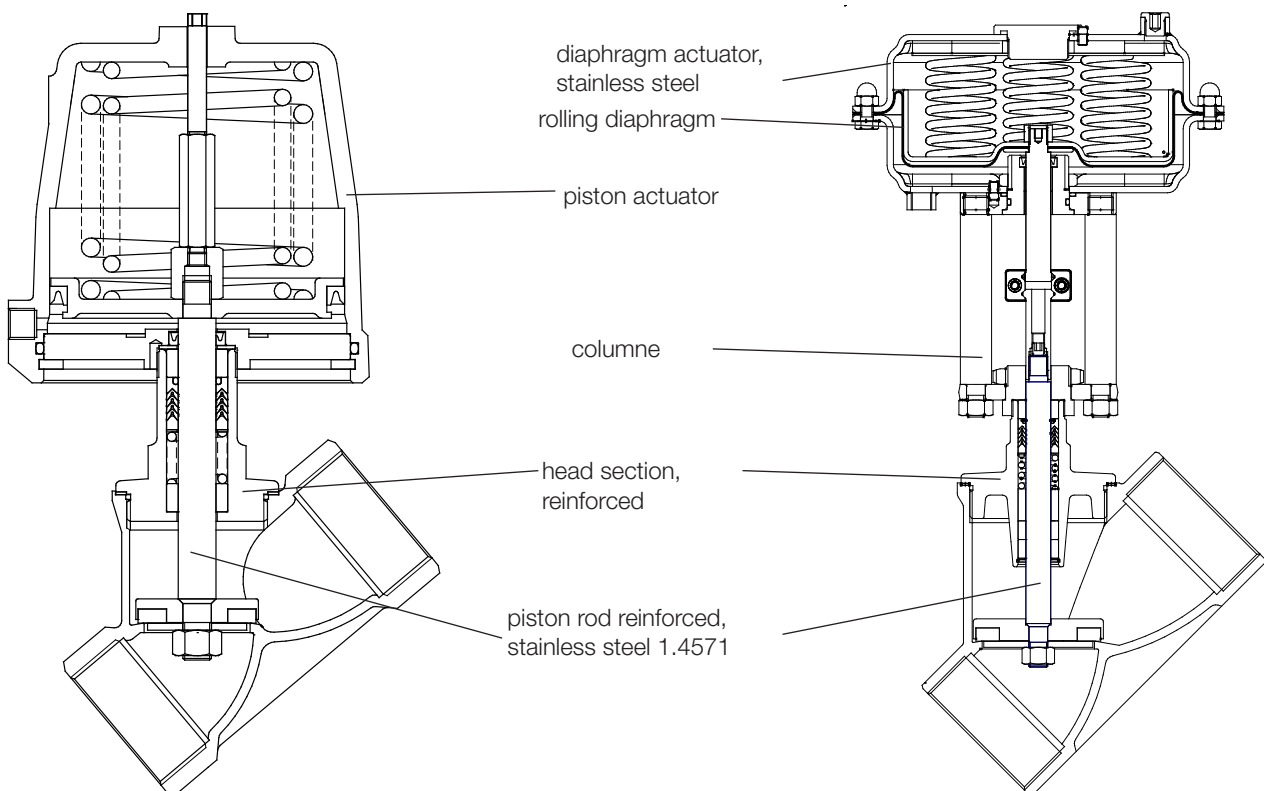
* brass body
** reinforced design

Standard

Angle Seat Valve 7010, reinforced design

stainless steel DN 50 up to DN 80

PN 40



Angle Seat Valve 7010

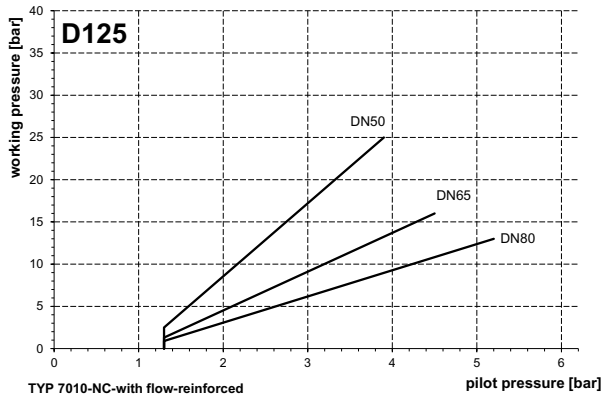
reinforced design



Spring closes NC (closing with flow)

Normally closed angle seat valves, closing with the flow. Operates better with gases, with liquids water hammer is possible.

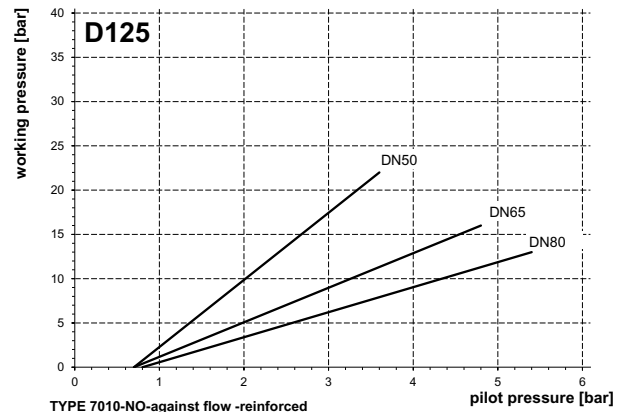
Piston actuator diameter D125 mm - one strong spring



Spring opens NO (closing against flow)

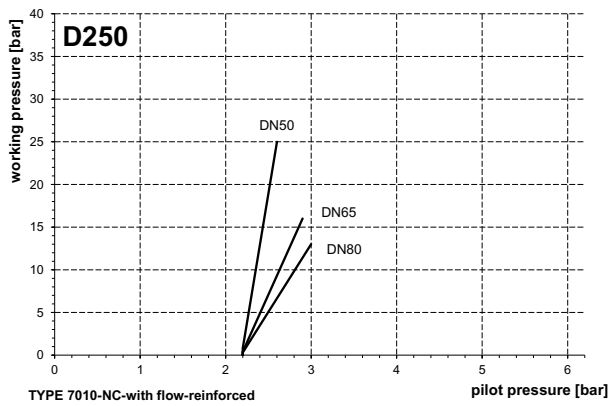
Normally open angle seat valves, closing against the flow.

Piston actuator diameter D125 mm

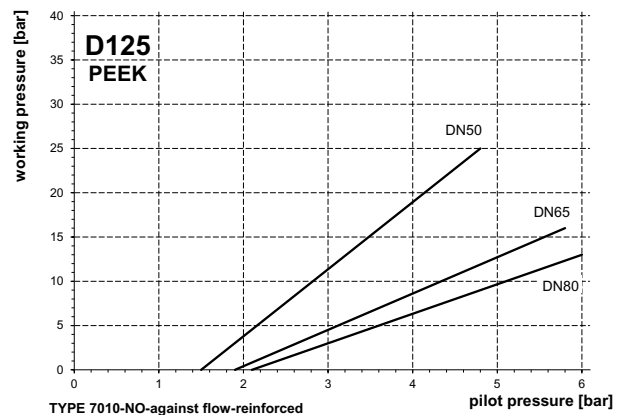


maximum pilot pressure 0,5 bar more than pilot pressure for working pressure

Diaphragm actuator diameter D250 mm

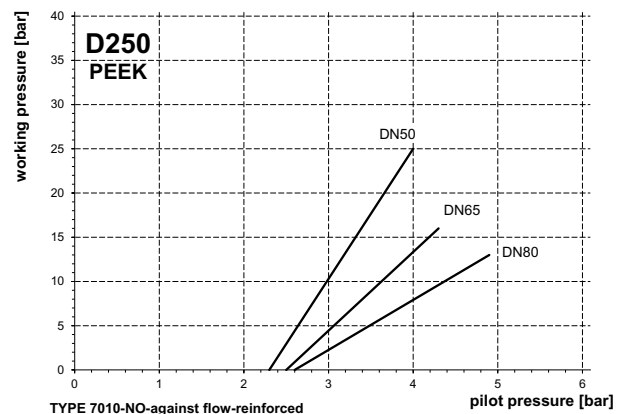


Piston actuator diameter D125 mm PEEK seating seal



maximum pilot pressure 0,5 bar more than pilot pressure for working pressure

Diaphragm actuator diameter D250 mm PEEK seating seal



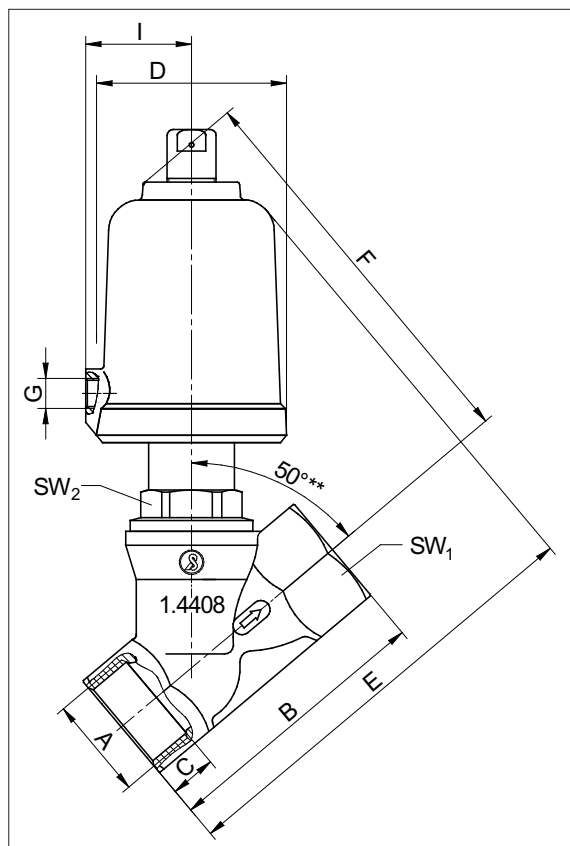
maximum pilot pressure 0,5 bar more than pilot pressure for working pressure

higher pressures on request

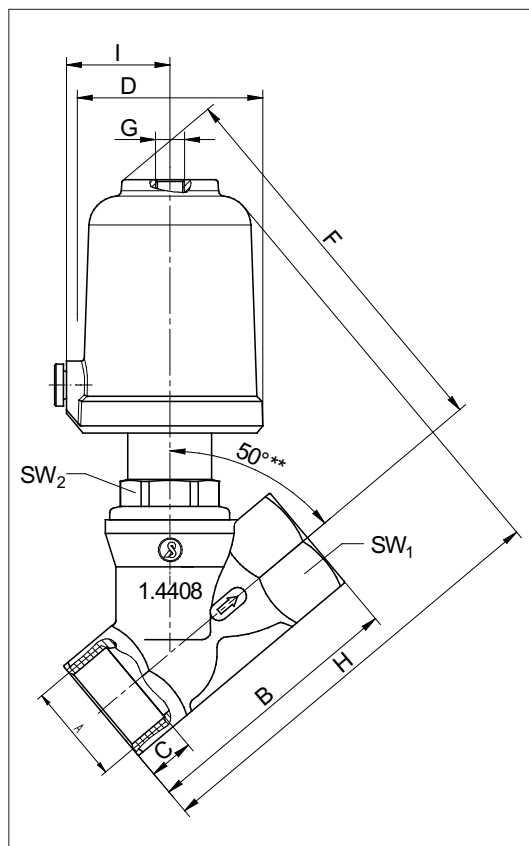
Angle Seat Valve 7010

standard design

Dimensions and Weights



Normally closed



Normally open

** <= 45° for DN65, brass body for DN80 and stainless steel body for DN80

DN	actuator diameter	A G/NPT	B		C	D	E		F	G	H (stroke)	I	SW1		SW 2		Kvs-values		Weight (kg)
			bronze * stainl.st.	brass			bronze * stainl.st.	brass					bronze * stainl.st.	brass	stand.	reinfor.	bronze * stainl.st.	brass	
8	50	1/4"	60	-	12	62	130	-	123	G1/8"	8,5	34,5	20	-	30	-	0,95	-	1
10	50	3/8"	60	-	12	62	130	-	123	G1/8"	9	34,5	23	-	30	-	1,6	-	1,05
15	50	1/2"	65	-	15	62	135	-	120	G1/8"	7	34,5	25	-	30	-	3,5	-	1,1
20	50	3/4"	75	-	16,3	62	135	-	125	G1/8"	12	34,5	31	-	30	-	8	-	1,2
25	50	1"	90	-	19,1	62	145	-	130	G1/8"	16	34,5	39	-	30	-	15	-	1,4
25	80	1"	90	-	19,1	96	185	-	170	G1/4"	16	55	39	-	30	-	16	-	3
32	50	1 1/4"	110	-	21,4	62	160	-	145	G1/8"	16	34,5	48	-	30	-	21	-	1,8
32	80	1 1/4"	110	-	21,4	96	200	-	190	G1/4"	20	55	48	-	30	-	24	-	3,3
32	125	1 1/4"	110	-	21,4	146	230	-	215	G1/4"	20	80	48	-	30	-	24	-	5,5
40	50	1 1/2"	120	-	21,4	62	165	-	150	G1/8"	16	34,5	55	-	30	-	30	-	2,1
40	80	1 1/2"	120	-	21,4	96	205	-	195	G1/4"	23	55	55	-	30	-	35	-	3,6
40	125	1 1/2"	120	-	21,4	146	235	-	220	G1/4"	23	80	55	-	30	-	35	-	5,8
50	50	2"	150	-	25,7	62	185	-	160	G1/8"	16	34,5	68	-	32	-	40	-	2,7
50	80	2"	150	-	25,7	96	225	-	200	G1/4"	29	55	68	-	32	36	55	-	4,2
50	125	2"	150	-	25,7	146	250	-	225	G1/4"	29	80	68	-	32	36	55	-	6,4
65	80	2 1/2"	180	180	30,2	96	260	260	220	G1/4"	29	55	85	85	36	41	80	93	6,2
65	125	2 1/2"	180	180	30,2	146	285	285	250	G1/4"	29	80	85	85	36	41	80	93	8,4
80	80	3"	214	210	33,3	96	290	280	225	G1/4"	29	55	100	100	41	41	112	115	8,3
80	125	3"	214	210	33,3	146	315	305	250	G1/4"	29	80	100	100	41	41	112	115	10,5

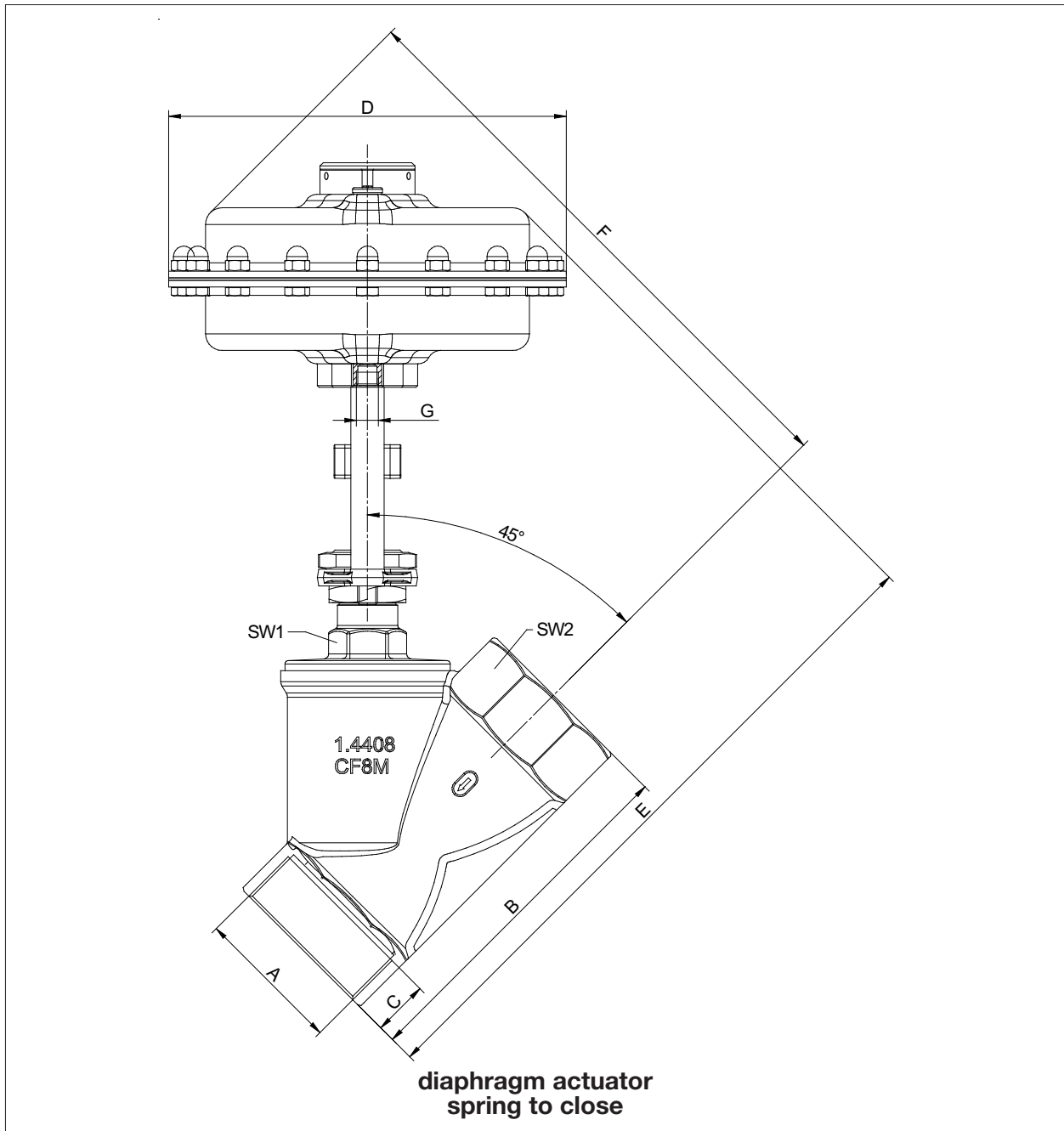
* Dimensions in accordance with DIN 3202 T4 M8

Dimensions in mm

Angle Seat Valve 7010

reinforced design

Dimensions and Weights



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

Data sheet /Version: 27.08.2012

DN	Actuator (mm)	A Rp/NPT	B*	C	D	E	F	G	Stroke (mm)	SW1	SW2		Kvs-value	Weight (kg)
50	250	2"	150	25,7	238	338	323	G1/4"	25	68	32	50°	55	14,6
65	250	2 1/2"	180	30,2	238	366	346	G1/4"	25	85	41	45°	80	15,7
80	250	3"	210	33,3	238	407	350	G1/4"	25	100	41	45°	-	17,8

* Dimensions in accordance with DIN 3202 T4 M8

Dimensions in mm

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