

Straight Bodied Flanged Valve

1/2" up to 2" 7032



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

- Compact design
- Unaffected by lightly contaminated media
- For temperatures from -22°F up to +392°F
- Working pressures up to 580 psi
- Versatile actuator

Technical Information

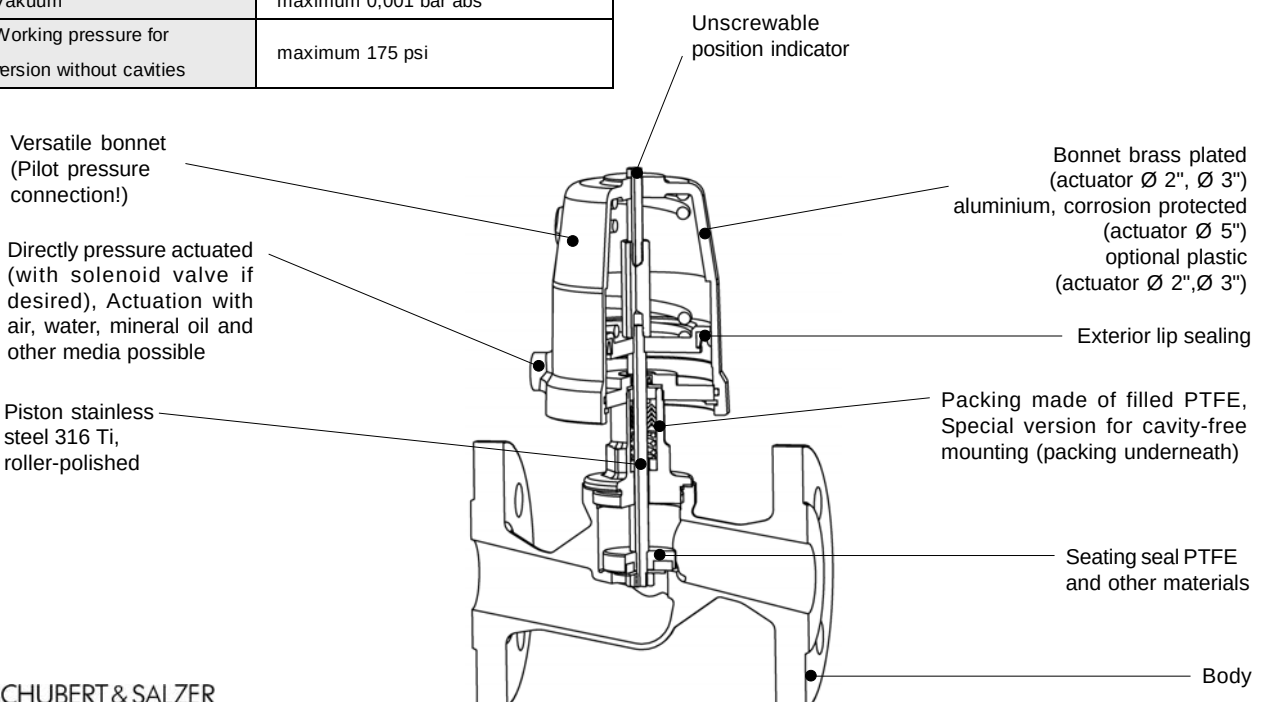
Nominal sizes	1/2" up to 2"
Body material	CF8M
Connection	Flanges acc. ANSI B16.5-Class 150 or DIN EN 1092-1
Dimensions	Acc. ANSI/ISA-75.08.01 or DIN EN 558-1 Row 1
Nominal pressure	ANSI150 or 580 psi
Max. fluid temperature:	
with metal bonnet	-22°F up to +338°F, opt. +392°F
with plastic bonnet	-22°F up to +275°F
diaphragm act. stainless steel	-22°F up to +392°F
Ambient temperature	-22°C up to +140°F
Viscosity of media	maximum 600 mm²/s (600cSt, 80°E)
Vakuum	maximum 0,001 bar abs
Working pressure for version without cavities	maximum 175 psi



Options

e.g.:

- Limit switches
 - inductive proximity switch
 - electrical contact switch
 - pneumatical switch
- Solenoid valve
- Additional manual operation
- Oil and grease free version



Straight Bodied Flanged Valve 7032 standard design



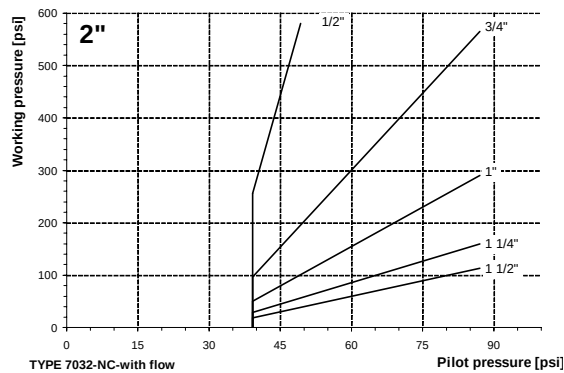
Spring closes NC (closing with flow)

Spring opens NO (closing against flow)

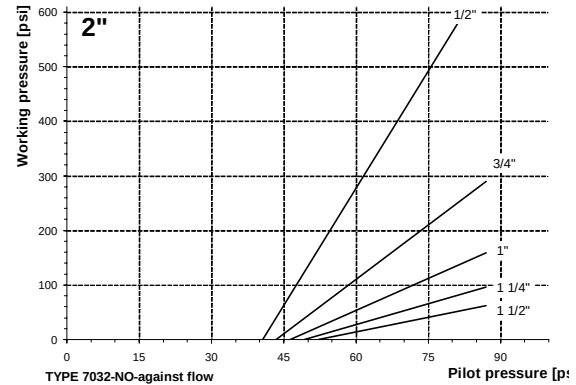
Flanged valves, closing with flow, NO, preferred usage with gaseous media, with liquids closure strokes may occur.

Normally open flanged valves, closing against the flow.

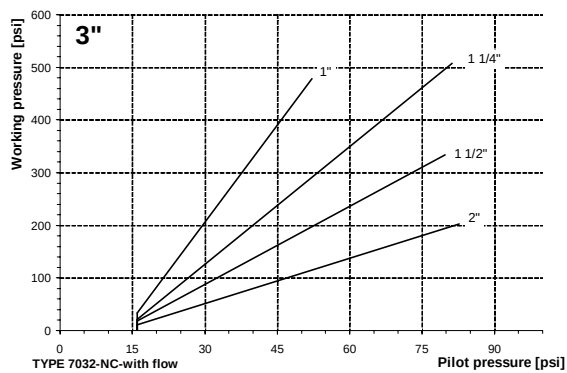
Actuator diameter 2"



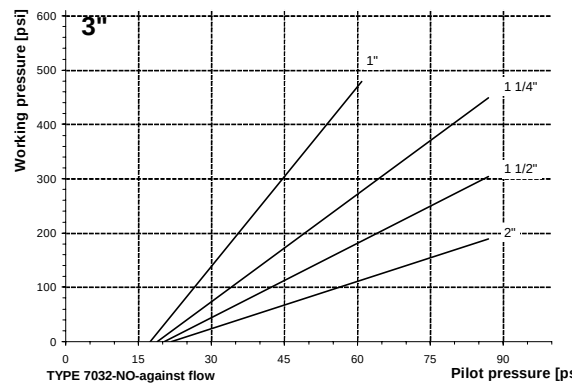
Actuator diameter 2"



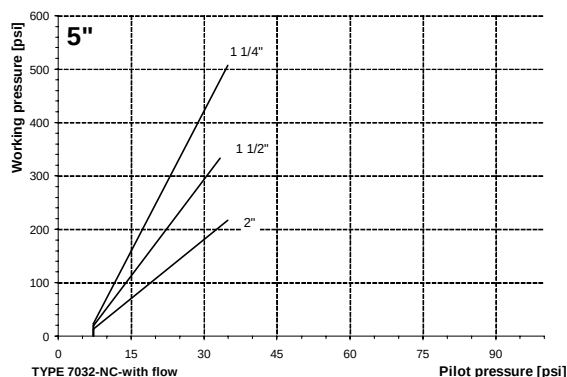
Actuator diameter 3"



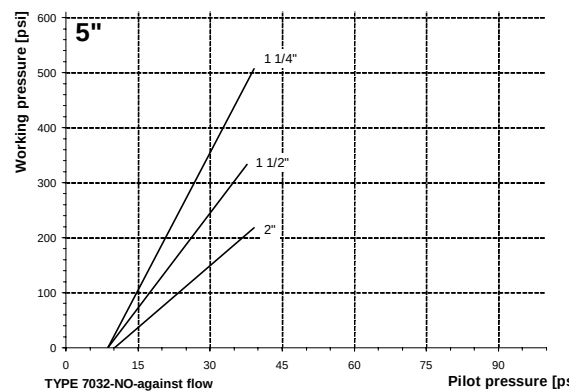
Actuator diameter 3"



Actuator diameter 5"



Actuator diameter 5"



Straight Bodied Flanged Valve 7032

standard design



NC (closing against flow)

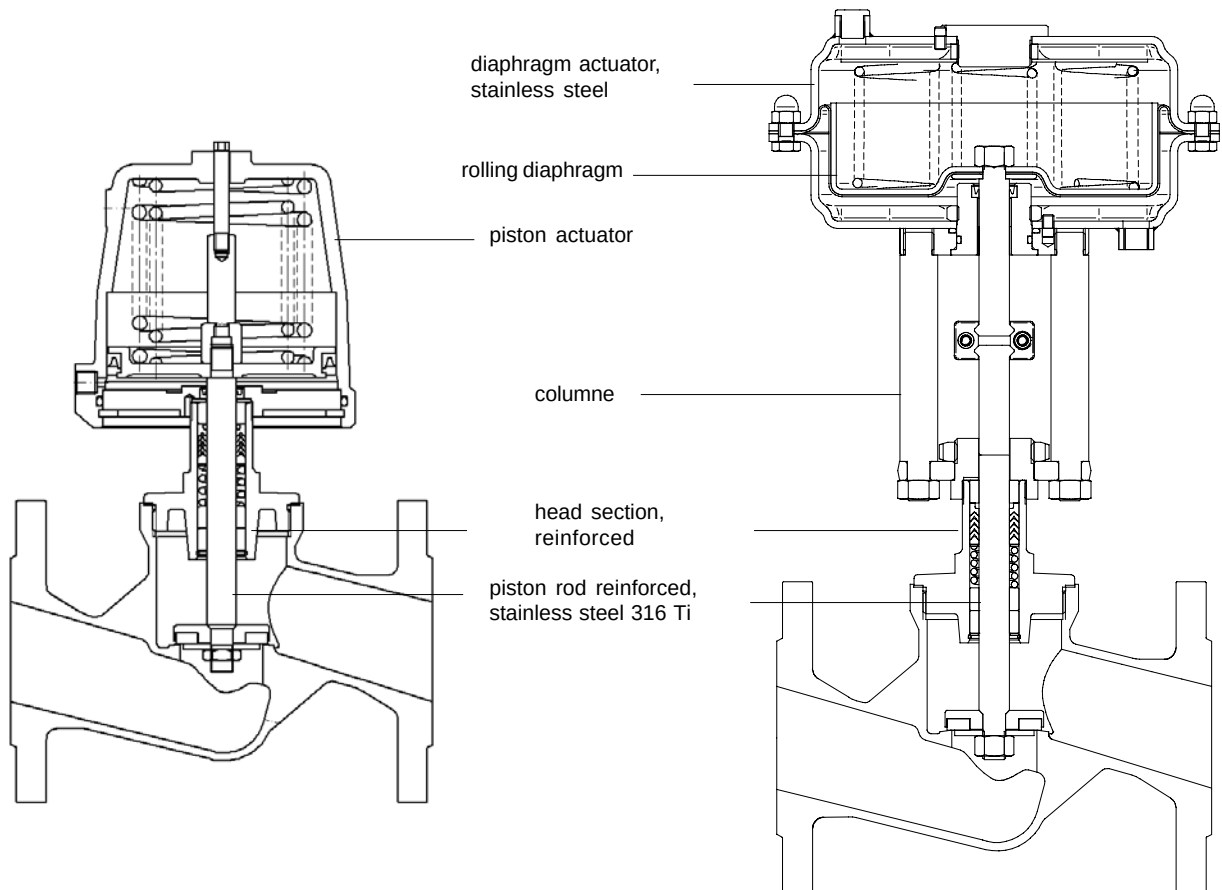
Nominal size	Working pressure max. (differential pressure) psi	Pilot pressure psi	Piston Ø inch	Springs
1/2"	220	50 - 145	2"	1
1/2"	390	65 - 145	2"	2
3/4"	75	50 - 145	2"	1
3/4"	145	65 - 145	2"	2
3/4"	230	85 - 145	2"	3
1"	35	50 - 145	2"	1
1"	80	65 - 145	2"	2
1"	130	85 - 145	2"	3
1"	290	50 - 145	3"	1
1 1/4"	45	65 - 145	2"	2
1 1/4"	75	85 - 145	2"	3
1 1/4"	160	50 - 145	3"	1
1 1/4"	230	65 - 145	3"	2
1 1/4"	305	80 - 145	3"	3
1 1/4"	145	20 - 145	5"	1
1 1/4"	320	30 - 145	5"	2

Nominal size	Working pressure max. (differential pressure) psi	Pilot pressure psi	Piston Ø inch	Springs
1 1/2"	30	65 - 145	2"	2
1 1/2"	50	85 - 145	2"	3
1 1/2"	100	50 - 145	3"	1
1 1/2"	140	65 - 145	3"	2
1 1/2"	175	80 - 145	3"	3
1 1/2"	90	20 - 145	5"	1
1 1/2"	205	30 - 145	5"	2
1 1/2"	290	45 - 145	5"	3
2"	60	50 - 145	3"	1
2"	85	65 - 145	3"	2
2"	110	80 - 145	3"	3
2"	125	30 - 145	5"	2
2"	175	45 - 145	5"	3

Standard (2 Springs)

Straight Bodied Flanged Valve 7032 reinforced design

stainless steel 1 1/2" and 2"



Straight Bodied Flanged Valve 7032 reinforced design



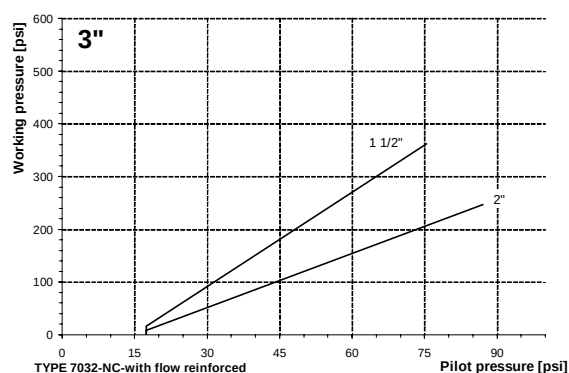
Spring closes NC (closing with flow)

Spring opens NO (closing against flow)

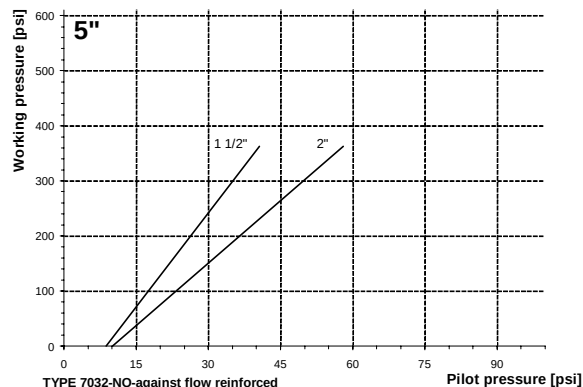
Flanged valves, closing with flow, NO, preferred usage with gaseous media, with liquids closure strokes may occur.

Normally open flanged valves, closing against the flow.

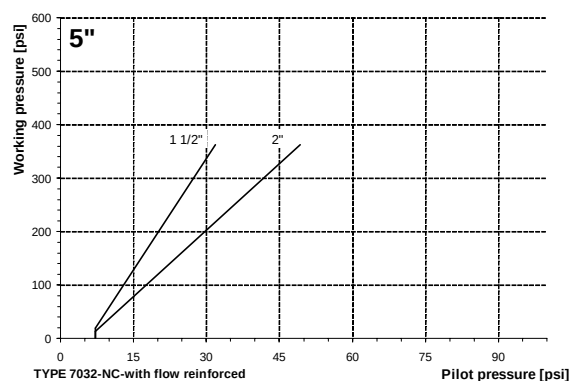
Actuator diameter 3"



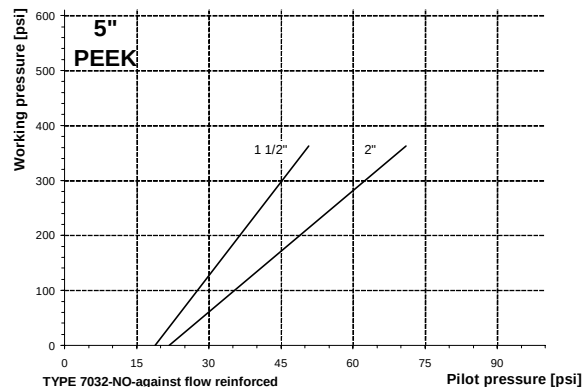
Actuator diameter 5"



Actuator diameter 5"



Actuator diameter 5" - PEEK seating seal



NC (closing against flow)

Nominal size	Working pressure max. (differential pressure) psi	Pilot pressure psi	Piston Ø inch	Springs
1 1/2"	290	45 - 145	3"	3
1 1/2"	365	40 - 90	10"	8
2"	175	45 - 145	3"	3
2"	220	30 - 90	10"	6
2"	275	40 - 90	10"	8
2"	350	55 - 90	10"	12
Standard				

higher pressures on request

SCHUBERT SALZER
INC.

7	0	3	2	/				V														S
								1 2 3 4 5 6 7 8 9 10 11 12														
Model					Size			Symbol: "V": Valve "A": Actuator (valve w without body) "R": Repair kit (sealings)														

1. Body type		2. Connection		3. Body material		4. Seating seal		5. Pilot function		6. Actuator	
9	flanged valve	1	flange acc. DIN EN 1092-1	2	stainless steel	0	PTFE (Teflon)	0	NC (closing w ith flow)	7	piston Ø 2", NPT
						1	FKM (Viton)	1	NO (closing against flow)	8	piston Ø 3", NPT
		2	ANSI 150 flange length acc. ANSI/ISA-75.08.01			2	EPDM	2	NC (closing against flow)	9	piston Ø 5", NPT
						3	NBR (standard quality)	3	Universal, double acting	P	piston Ø 2" with plastic bonnet, NPT
										S	piston Ø 3" with plastic bonnet, NPT
										D	diaphragm 10", NPT

7. Springs		8.		9. Packing		10. Temperature version		11. Accessories		12. Special versions	
-	standard	-		-	standard	-	standard	-	no accessories	S	Special versions
1	1 spring			2	packing underneath	H	high temperature version +392°F	2	electrical position indicator with one switch	M	Position indicator with cable bushing
2	2 springs					B	high temperature HT220 (428°F)	3	as above but w ith tw o sw itches	N	Position indicator with plug connection
3	3 springs							4	manual emergency operation		
T	6 springs (10")							5	additional manual operation	X	ASI-BUS IP65
W	8 springs (10")							6	stroke limitation		
Y	12 springs (10")							7	pilot valve DN 2, 230 V AC		
								K	pilot valve DN 2, 24 V DC		
								M	electr. position indicator compact		
								P	position indicator w ith tw o ind. switches 10 - 36 V DC (PNP)		
								T	position indicator w ith one ind. switches 10 - 36 V DC (PNP)		
									position indicator compact, inductive 10 - 30 V DC (PNP)		

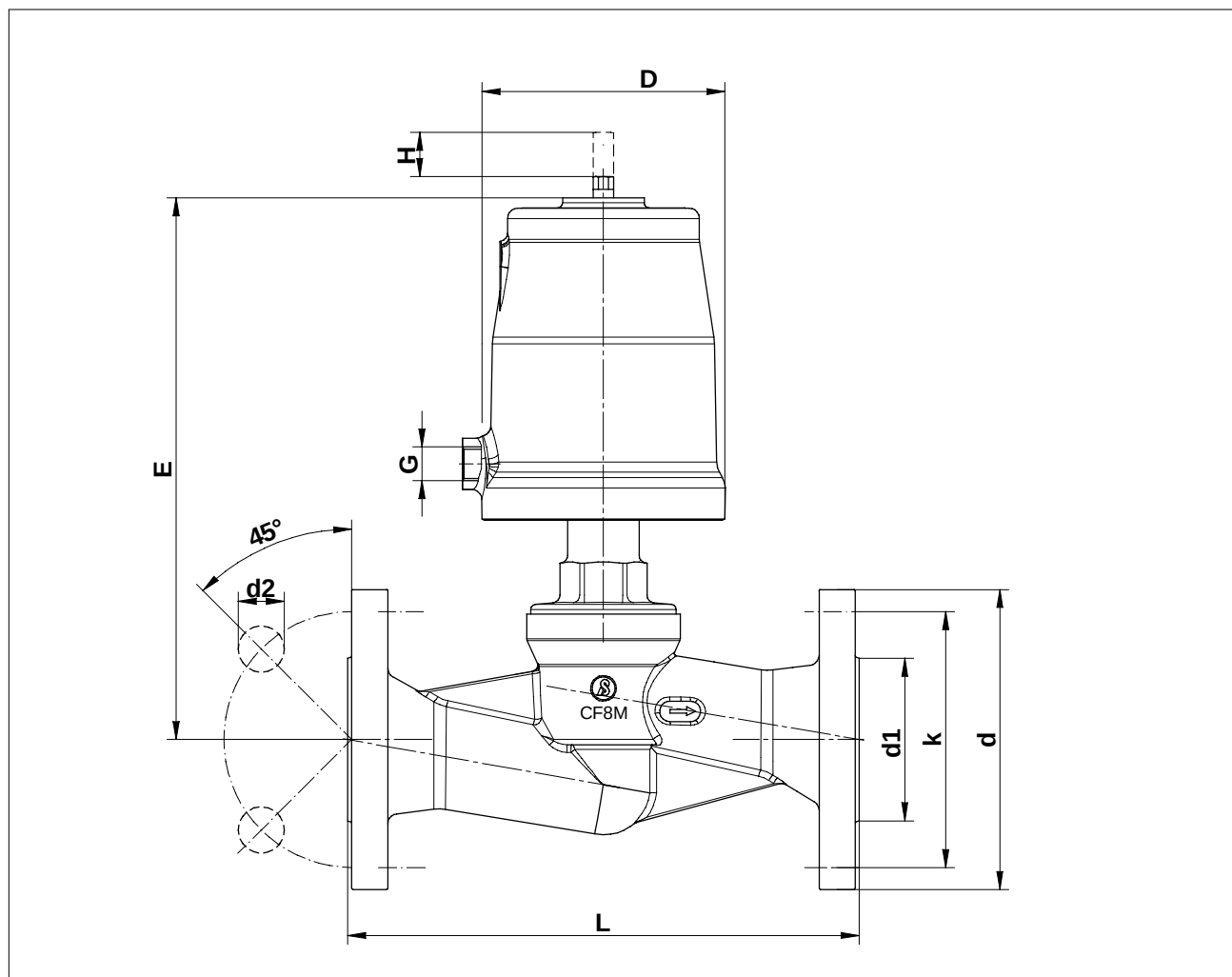
Ordering example: 7032/050V922028- - - 5
Flanged valve type 7032, size 2", connection ANSI150 flange, body material stainless steel, seating seal PTFE. NC closing against flow, actuator 3" NPT. stroke limitation.

Ordering example: 7032/050V92202D-----S--K
Flanged valve type 7032, DN 2", connection ANSI150 flange, body material stainless steel, seating seal PTFE, NC closing against flow, actuator 10" NPT, reinforced design

"K" reinforced design

Straight Bodied Flanged Valve 7032

Dimensions and Weights ANSI 150 flanges

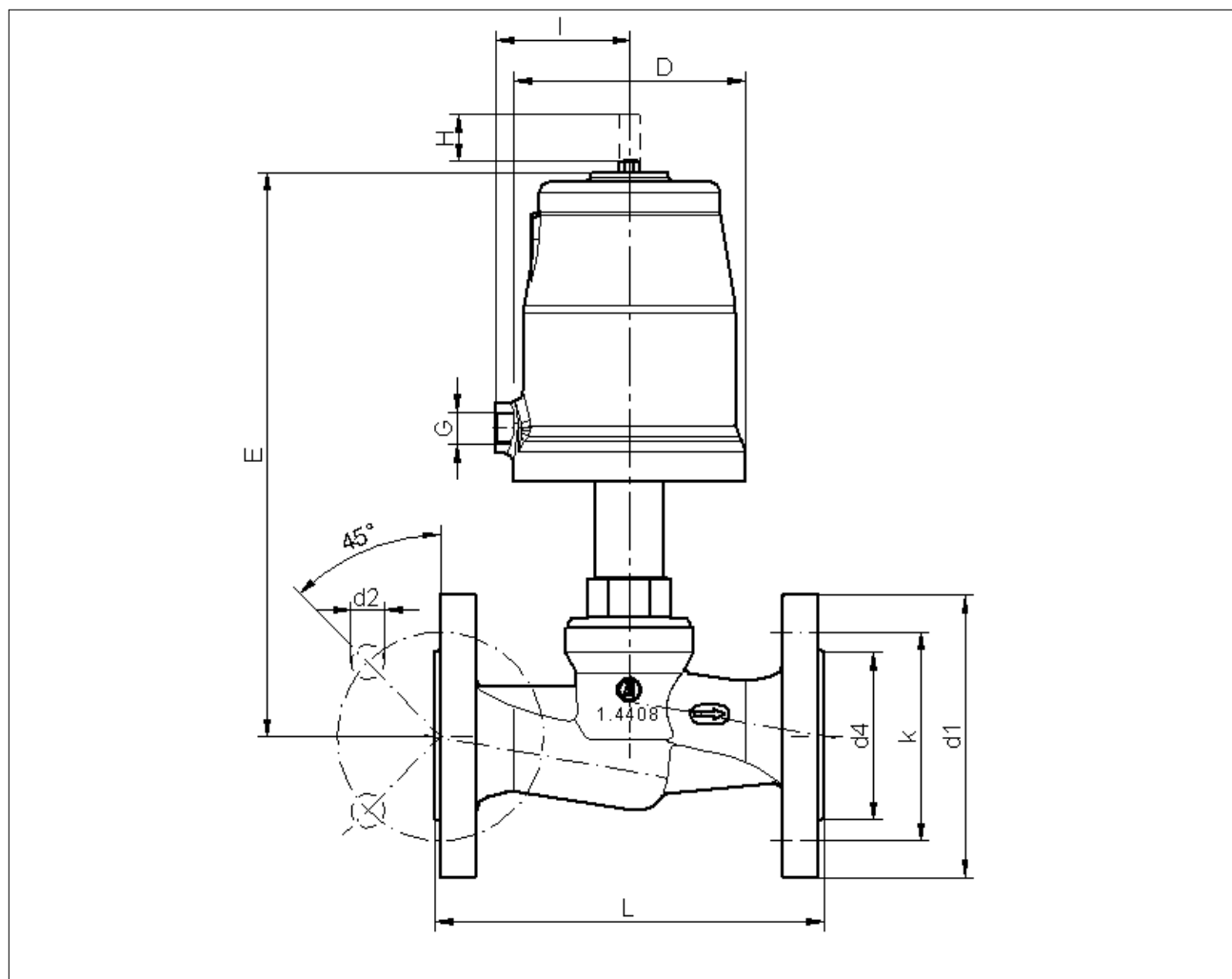


DN	actuator	L	D	d	d1	d2	k	E	NPT	stroke	l	Weight (lbs)
1/2"	1.97"	7.24"	2.44"	3.5"	1.38"	0.62"	2.38"	5.83"	1/8"	0.47"	1.36"	6
3/4"	1.97"	7.24"	2.44"	3.88"	1.69"	0.62"	2.75"	5.98"	1/8"	0.61"	1.36"	7
1"	1.97"	7.24"	2.44"	4.25"	2"	0.62"	3.12"	6.65"	1/8"	0.61"	1.36"	9
1"	3.15"	7.24"	3.86"	4.25"	2"	0.62"	3.12"	8.17"	1/4"	0.79"	2.17"	12
1 1/4"	1.97"	7.87"	2.44"	4.62"	2.5"	0.62"	3.5"	6.81"	1/8"	0.61"	1.36"	12
1 1/4"	3.15"	7.87"	3.86"	4.62"	2.5"	0.62"	3.5"	8.33"	1/4"	0.91"	2.17"	15
1 1/4"	4.92"	7.87"	5.67"	4.62"	2.5"	0.62"	3.5"	9.31"	1/4"	0.91"	3.15"	20
1 1/2"	1.97"	8.74"	2.44"	5"	2.88"	0.62"	3.88"	7.04"	1/8"	0.61"	1.36"	15
1 1/2"	3.15"	8.74"	3.86"	5"	2.88"	0.62"	3.88"	8.56"	1/4"	1.12"	2.17"	18
1 1/2"	4.92"	8.74"	5.67"	5"	2.88"	0.62"	3.88"	9.54"	1/4"	1.12"	3.15"	23
2"	3.15"	10"	3.86"	6"	3.62"	0.75"	4.75"	9.49"	1/4"	1.18"	2.17"	22
2"	4.92"	10"	5.67"	6"	3.62"	0.75"	4.75"	10.48"	1/4"	1.18"	3.15"	27

Dimensions in inch

Straight Bodied Flanged Valve 7032

Dimensions and Weights DIN-flanges

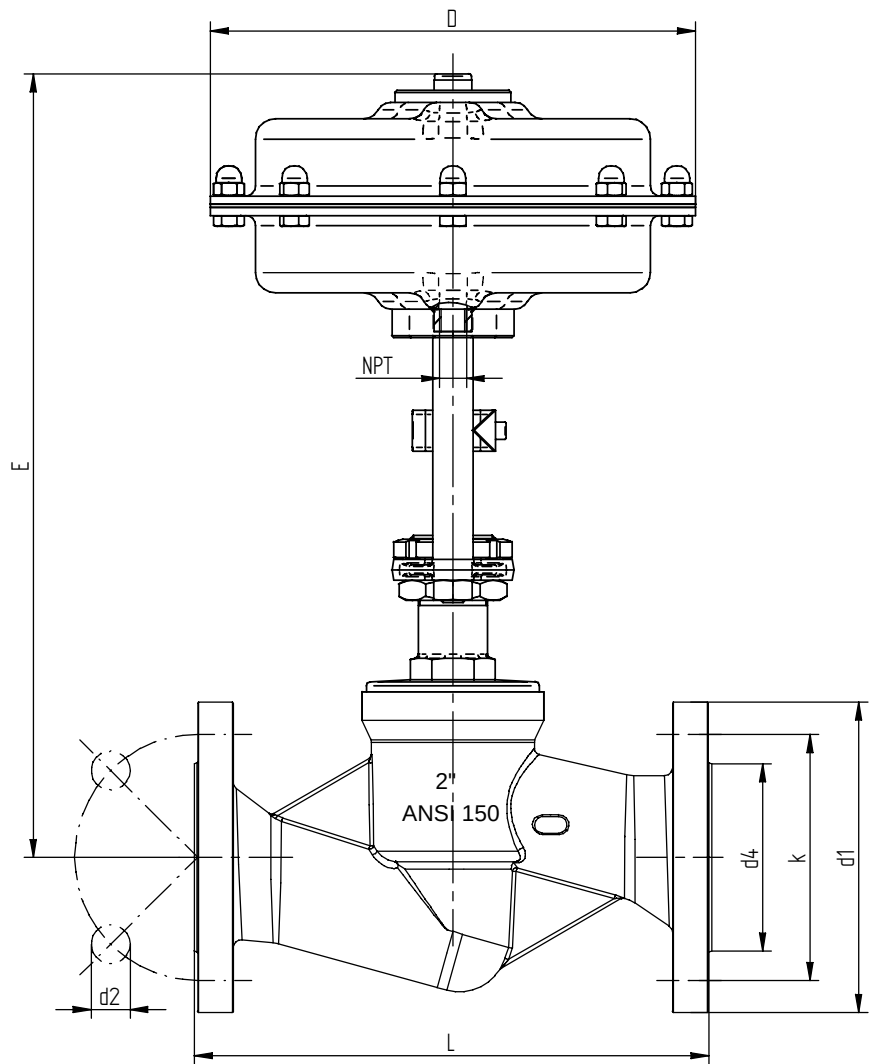


DN	Actuator	L	d1	d2	d4	k	D	E	G	Stroke	I	Cv-Value	Weight (lbs)
1/2"	2"	5.12	3.74	0.55	1.77	2.56	2.44	5.87	1/8"	0.47	1.36	3.6	6
3/4"	2"	5.91	4.13	0.55	2.28	2.95	2.44	6.06	1/8"	0.61	1.36	7.5	7
1"	2"	6.3	4.53	0.55	2.68	3.35	2.44	6.22	1/8"	0.61	1.36	13.9	9
1"	3"	6.3	4.53	0.55	2.68	3.35	3.86	7.76	1/4"	0.79	2.17	13.9	12
1 1/4"	2"	7.09	5.51	0.71	3.07	3.94	2.44	6.89	1/8"	0.61	1.36	19.7	12
1 1/4"	3"	7.09	5.51	0.71	3.07	3.94	3.86	8.43	1/4"	0.91	2.17	20.3	15
1 1/4"	5"	7.09	5.51	0.71	3.07	3.94	5.67	9.37	1/4"	0.91	2.17	20.3	20
1 1/2"	2"	7.87	5.91	0.71	3.46	4.33	2.44	7.24	1/8"	0.61	1.36	29	15
1 1/2"	3"	7.87	5.91	0.71	3.46	4.33	3.86	8.78	1/4"	1.12	2.17	29	18
1 1/2"	5"	7.87	5.91	0.71	3.46	4.33	5.67	9.72	1/4"	1.12	2.17	29	23
2"	3"	9.06	6.5	0.71	4.02	4.92	3.86	9.45	1/4"	1.18	2.17	46.4	22
2"	5"	9.06	6.5	0.71	4.02	4.92	5.67	10.43	1/4"	1.18	2.17	46.4	27

Dimensions in inch

Straight Bodied Flanged Valve 7032 reinforced design

Dimensions and Weights ANSI 150 flanges



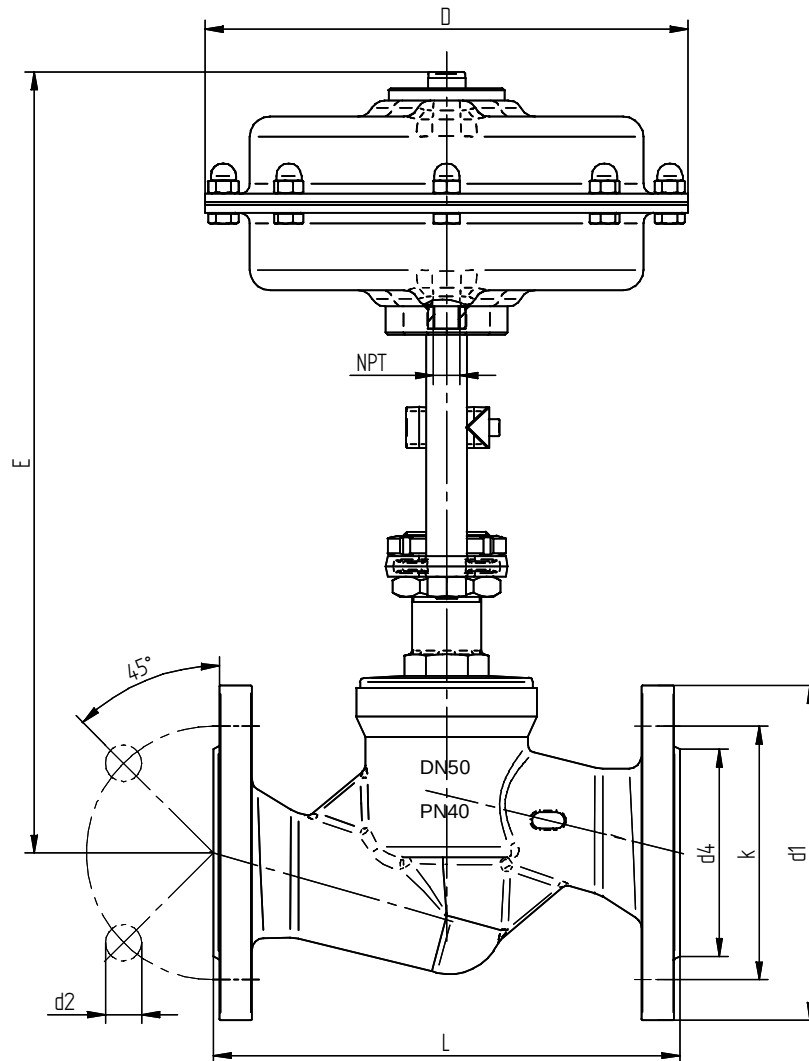
DN	actuator	L	d1	d2	d4	k	D	E	G	stroke	Cv- value	weigh (lbs)
1 1/2"	10"	8.74"	5"	0.62"	2.88"	3.88"	9.37"	15.31"	1/4"	0.98"	29	35.6
2"	10"	10"	6"	0.75"	3.62"	4.75"	9.37"	15.16"	1/4"	0.98"	46.4	41.9

Dimensions in inch

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

Straight Bodied Flanged Valve 7032 reinforced design

Dimensions and Weights DIN-flanges



DN	Actuator	L	d1	d2	d4	k	D	E	G	Stroke	Kvs-value	Weight (lbs)
1 1/2"	10"	7.87	5.91	0.71	3.46	4.33	9.37	15.31	G1/4"	0.98	29	37.5
2"	10"	9.06	6.5	0.71	4.02	4.92	9.37	15.16	G1/4"	0.98	46.4	42

Dimensions in inch