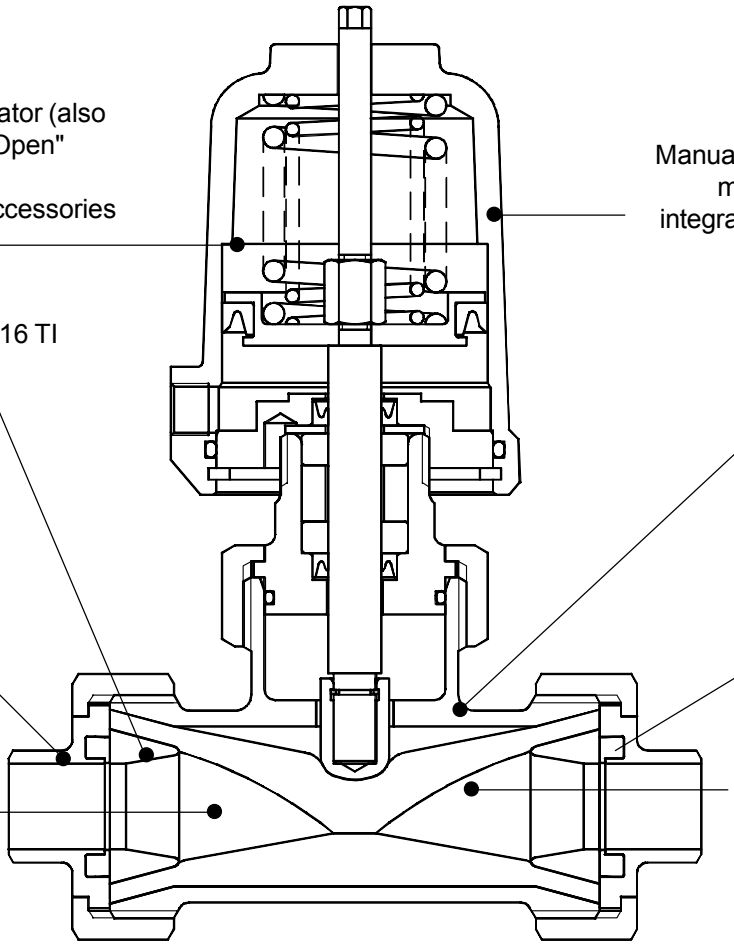
Pinch Valve 7074 1/2" up to 2"

for food and sanitary applications



Technical Information

Nominal Sizes	1/2" (DN 15) up to 2" (DN 50)
Connections*	weldings ends for pipes acc. DIN 11850 or ISO; Tri-Clamp
Body Material	brass chrome plated/ nickeled (no contact with the fluid)
Sleeve	EPDM (food grade)
Operating Pressure	0 - 90 psi
Fluid Temperature	+14°F up to +266°F
Ambient Temperature	+14°F up to +140°F

* other sanitary fittings upon request!

SCHUBERT & SALZER CONTROL SYSTEMS®

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Pinch Valve 7074
for sanitary applications

Admissible Differential Pressures

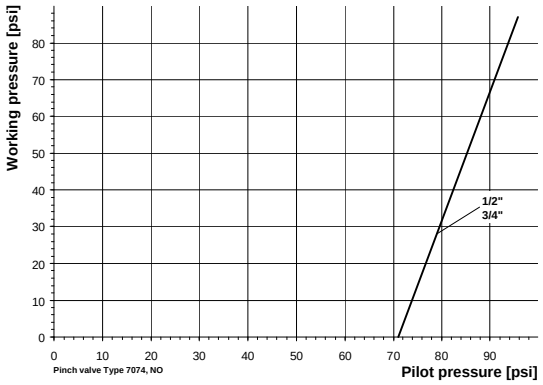
Spring Closes/Air to Open

Nominal size inch	Maximum working pressure psi	Pilot pressure psi	Piston diameter ∅	Number of Springs
1/2" / 3/4"	0 - 75	80 - 145	2"	3
1/2" / 3/4"	0 - 90	80 - 145	3"	1
1" / 1 1/4"	0 - 50	50 - 145	3"	1
1 3/4" / 2"	0 - 45	65 - 145	3"	2
1 3/4" / 2"	0 - 60	80 - 145	3"	3
1 3/4" / 2"	0 - 75	30 - 145	5"	2

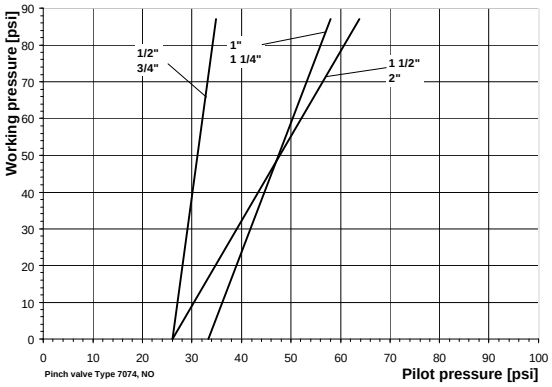
Standard

Spring Opens/Air to Close

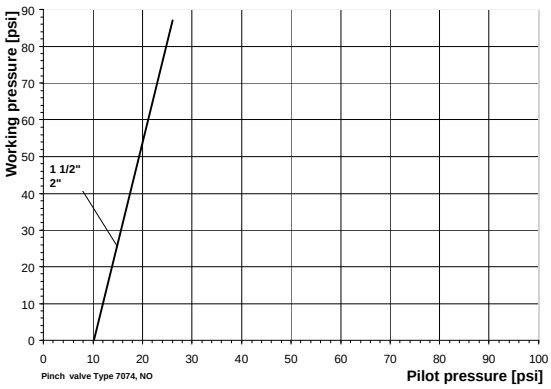
Actuator diameter 2"



Actuator diameter 3"



Actuator diameter 5"



Pinch Valve 7074

for sanitary applications

Ordering Number System

1	2	3	4	5	6	7	8	9	10	11	12
7	0	7	4	/				V			S

Model: 7074 / Size: 050

Symbol: "V": Valve
"A": Actuator (valve without body)
"R": Repair kit (sealings)

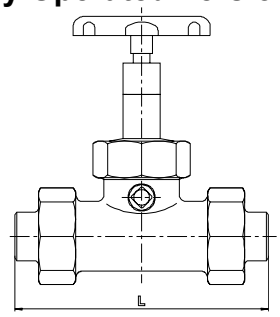
1 - 6 : Please quote all 6 sections.
7 - 12: Quote only if required.

1. Design		2. Connection		3. Connecting parts		4. Tube material		5. Pilot function		6. Actuator	
8	Pinch valve	D	Welding ends acc. DIN	2	Stainless steel	7	EPDM (food grade)	-	without	7	Piston 2" (NPT)
		I	Welding ends acc. ISO					0	Spring closes	6	Piston 3" (NPT)
		Z	Tri-Clamp acc. Inch					1	Spring opens	9	Piston 5" (NPT)
										5	Manually actuated
										8	Directly pressure actuated

7. Springs		8.		9.		10.		11. Accessories		12. Special versions	
-	Standard	-	without significance	-	without significance	-	without significance	-	No accessories	S	Special versions
1	1 spring							1	Electrical position indicator with one switch	M	Position indicator with cable bushing
2	2 springs							2	Electrical position indicator with two switches	N	Position indicator with plug connection
3	3 springs							3	Manual emergency operation		
								4	Additional manual operation		
								5	Stroke limitation		
								6	Pilot valve DN 2, 230 V AC		
								7	Pilot valve DN 2, 24 V DC		
								K	Electr. position indicator		
								M	Position indicator with two ind. switch 10 - 36 V DC (PNP)		
								P	Position indicator with one ind. switch 10 - 36 V DC (PNP)		
								T	Position indicator compact, inductive 10 - 30 V DC (PNP)		

Ordering example: 7074/050V8I27022
Pinch valve, size 2", ISO welding ends, stainless steel 316 TI, EPDM sleeve material, spring closes, actuator size 5", two springs.

Manually Operated Version



DN	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
L in inch	5,12	5,12	7,48	7,48	9,84	9,84

For further dimensions/weights see data sheet 7070

Control Valve Version

- with integrated positioner for control applications see data sheet of Model 7073

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