

42 Lever / Pedal Series

Features

Heavy duty lever

- Parallel mount handle
- Perpendicular mount handle

Heavy duty foot pedal

2 port sizes

- 1/4" port – 1.3 to 2.2 Cv
- 3/8" port – 1.3 to 2.9 Cv

2-position and 3-position valves



Operating information

Operating pressure: Vacuum to 150 PSI (710 mmHg to 1035 kPa)

Temperature range: 0°F to 140°F (-18°C to 60°C)

Lever Valve - 2-Position

	Symbol	Port size	Cv	Description	Valve type	Part number
		1/4"	2.2	Inline, parallel	2-position, spring return	422CS011K
		3/8"	2.9	Inline, parallel	2-position, spring return	422CS021K
		1/4"	2.2	Inline, parallel	2-position, detent	422CS011W
		3/8"	2.9	Inline, parallel	2-position, detent	422CS021W
		1/4"	2.2	Inline, perpendicular	2-position, spring return	422CR011K
		3/8"	2.9	Inline, perpendicular	2-position, spring return	422CR021K
		1/4"	2.2	Inline, perpendicular	2-position, detent	422CR011W
		3/8"	2.9	Inline, perpendicular	2-position, detent	422CR021W

Lever Valve - 3-Position

	Symbol	Port size	Cv	Description	Valve type	Part number
		1/4"	1.3	Inline, parallel	3-position APB	422CS013W
		3/8"	1.3	Inline, parallel	3-position, APB	422CS023W
		1/4"	1.3	Inline, parallel	3-position, CE	422CS014W
		3/8"	1.3	Inline, parallel	3-position, CE	422CS024W
		1/4"	1.3	Inline, perpendicular	3-position, APB	422CR013W
		3/8"	1.3	Inline, perpendicular	3-position, APB	422CR023W
		1/4"	1.3	Inline, perpendicular	3-position, CE	422CR014W
		3/8"	1.3	Inline, perpendicular	3-position, CE	422CR024W

Foot Pedal Valve - 2-Position

	Symbol	Port size	Cv	Description	Valve type	Part number
		1/4"	2.2	Foot pedal	2-position, spring return	422CT011K
		3/8"	2.9	Foot pedal	2-position, spring return	422CT021K
				Foot pedal guard		PS2043P



CAUTION:

This valve shall not be used to actuate a punch press. Do not use this valve on punch presses or press brakes. See OSHA 1910.217.

Valve body service kits, single pressure

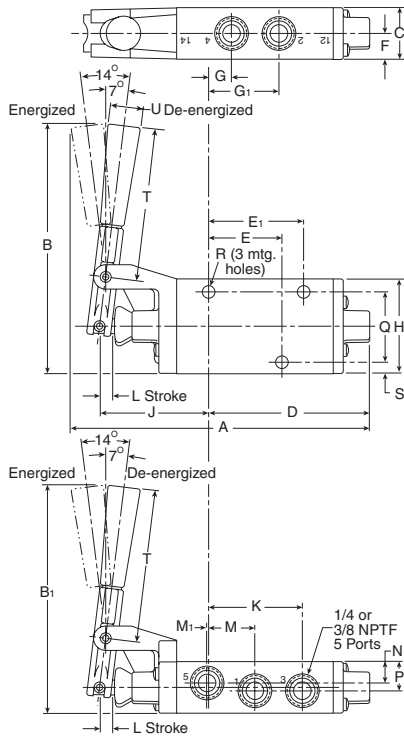
2-position valve	PS2038P
3-position valve	PS2041P

Kit includes: all soft seals and spool.

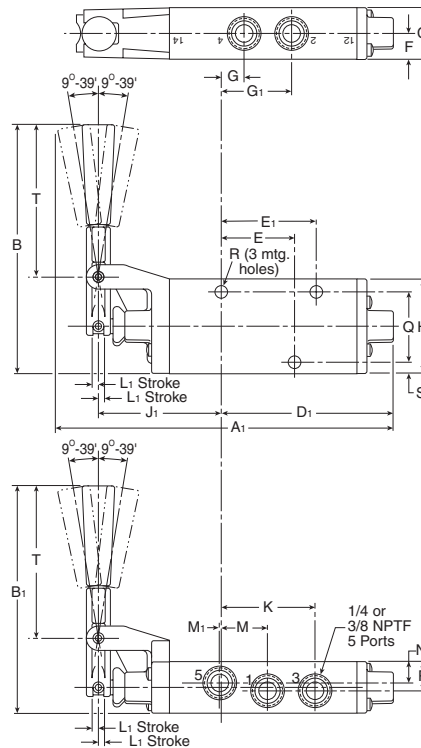
Most popular.



2-Position



3-Position



Lever Valve

A	A ₁	B	B ₁	C
6.70 (170)	7.58 (193)	5.55 (141)	5.05 (128)	1.15 (29)
D	D ₁	E	E ₁	F
3.59 (91)	3.83 (97)	1.58 (40)	2.06 (52)	.57 (14)
G NPT	G ₁ NPT		H	
1/4" .51 (13)	1/4" 1.56 (40)	2.13		
3/8" .55 (14)	3/8" 1.51 (38)	(54)		
J	J ₁	K NPT		L
2.44 (62)	2.80 (71)	1/4" 2.08 (53)	.25	
		3/8" 2.13 (54)	(6)	
L ₁	M	M ₁ NPT		N
.18 (5)	1.03 (36)	1/4" .02 (.5)	.50	
		3/8" .06 (2)	(13)	
P	Q	R	S	T
.65 (17)	1.58 (40)	.33 (8)	.27 (7)	3.42 (87)
U Dia				
.75 (19)				

Inches (mm)

Foot Pedal Valve

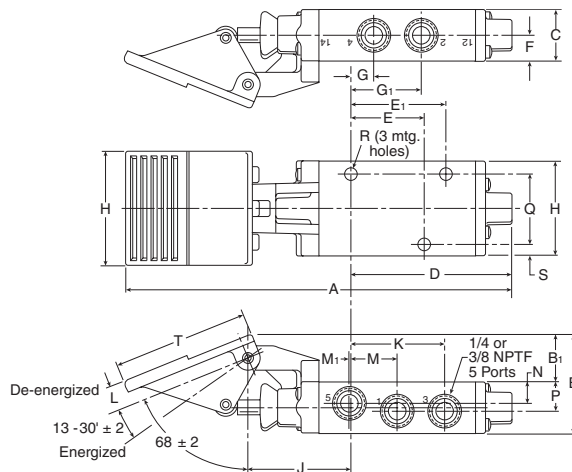
A	B	B ₁	C	D
8.64 (220)	2.18 (55)	1.03 (26)	1.15 (29)	3.59 (91)
E	E ₁	F	G NPT	
1.58 (40)	2.06 (52)	.57 (14)	1/4" .51 (13) 3/8" .55 (14)	
G ₁ NPT		H	H ₁	J
1/4" 1.56 (40)		2.13 (54)	2.50 (64)	2.32 (59)
3/8" 1.51 (38)				
K NPT		L	M	
1/4" 2.08 (53)		.60 (15)	1.03 (26)	
3/8" 2.13 (54)				
M ₁ NPT		N	P	Q
1/4" .02 (.5)		.50 (13)	.65 (17)	1.58 (40)
3/8" .06 (2)				
R	S	T	U	
.33 (8)	.27 (7)	3.00 (76)	.48 (11)	

Inches (mm)

Foot Valve Guard: PS2043P

A	A ₁	B	B ₁	C
4.50 (114)	.75 (19)	10.50 (267)	1.25 (32)	.48 (11)
D	E	E ₁	F	F ₁
6.00 (152)	7.13 (181)	.50 (13)	13.00 (330)	8.38 (213)

Inches (mm)



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 Do not use this valve on punch presses or press brakes.
 See OSHA 1910.217.

