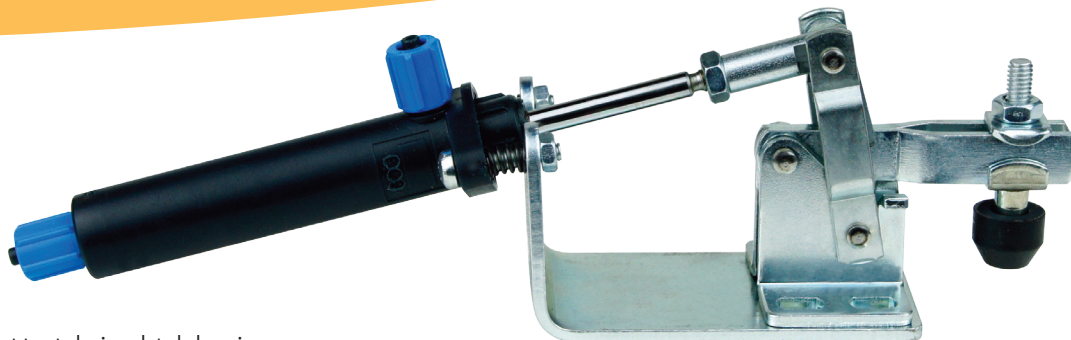


Toggles

Vertical

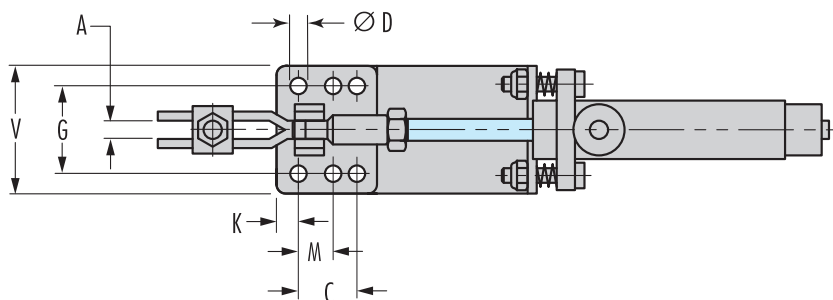


■ Includes heat treated, zinc plated clamping screw.

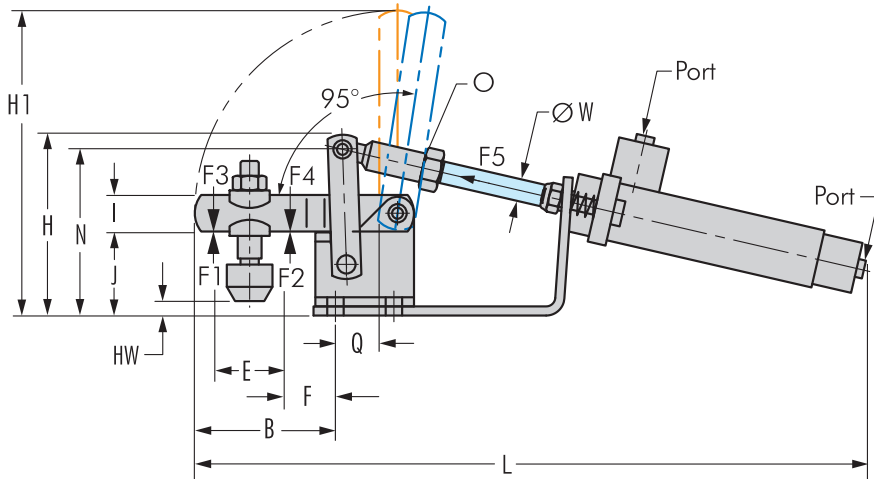
Operating temperature limits are -14 to 140° F

Dimensions

Model Number	P9-1710	P9-1728	P9-1736
Size	0	1	2
F1 lbs.	112	180	225
F2 lbs.	157	247	270
F3 lbs.	16	29	79
F4 lbs.	20	40	112
F5 lbs.	8.5	13.5	38
Vn*	0.03	0.06	0.17
H	1.77	1.97	2.52
L	6.50	7.32	8.66
Clamping Screw	M4 x 25mm	M5 x 30mm	M6 x 35mm
Weight lbs.	0.3	0.9	1.3
A	0.16	0.20	0.24
B	1.22	1.50	2.01
C	0.53	0.63	0.79
D	0.18	0.18	0.21
E	0.63	0.75	1.06
F	0.39	0.55	0.79
G	0.91	0.94	1.06
H1	2.76	3.35	4.13
HW	-0.04 to 0.24	-0.08 to 0.20	-0.04 to 0.31
I	0.31	0.39	0.47
J	0.79	0.91	1.06
K	0.20	0.24	0.24
M	-	-	0.49
N	1.57	1.77	2.20
O	M4	M6	M8
Q	.39	.47	.51
V	1.30	1.34	1.73
W	0.16	0.24	0.31
Cylinder			
Stroke	1.57	1.57	1.57
Piston Dia.	0.39	0.47	0.79
Port	M6 x 0.75mm	M10 x 1mm	M10 x 1mm



G-4



ILSP91701 REV C

Use plastic tubing P3-0015-04 for model number P9-1710
Use plastic tubing P3-0015-05 for model P9-1728 & P9-1736

* Vn = Air consumption in cu. in. per double stroke at 85 psig.
Maximum Operating Pressure 116 psig.

See page G-1 for explanation of F1, F2, F3, F4 and F5

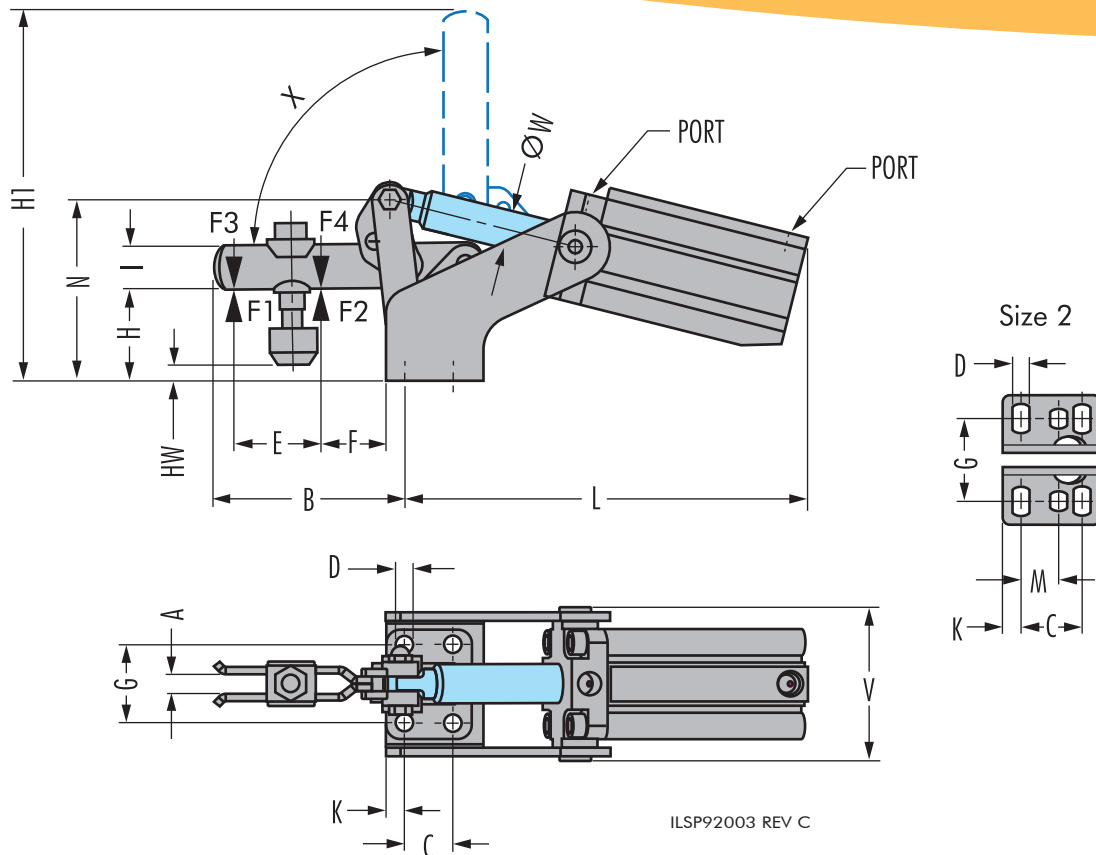
ILSP91700 REV E

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Toggles

Vertical



ILSP92003 REV C

G-5

Dimensions

Model Number	P9-2015	P9-2023	P9-2031	P9-2049
Size	1	2	3	4
F1 lbs.	180	225	225	450
F2 lbs.	247	270	562	674
F3 lbs.	45	157	146	337
F4 lbs.	67	225	247	495
Vn*	4.88	15.87	21.36	48.82
Clamping Screw	M5 x 30mm	M6 x 30mm	M8 x 45mm	M8 x 65mm
A	0.20	0.24	0.31	0.39
B	1.54	2.03	3.07	3.98
C	0.63	0.79	0.79	1.26
D	0.18	0.22	0.30	0.34
E	0.71	0.98	1.42	1.77
F	0.24	0.43	0.75	0.98
G	0.94	1.06	1.26	1.77
H	0.83	1.02	1.44	1.77
H1	3.31	4.09	5.94	7.52
HW	-0.08 to 0.18	-0.04 to 0.28	-0.21 to 0.55	-0.12 to 1.00
I	0.39	0.47	0.71	0.79
K	0.24	0.24	0.30	0.51
L	4.96	5.71	6.52	7.72
M	-	0.49	-	-
N	1.79	2.17	2.93	3.54
V	1.97	2.15	2.46	3.05
W	0.31	0.47	0.63	0.63
X	92.0°	91.5°	90.0°	90.5°
Piston Dia.	0.63	0.98	1.26	1.57
Port	M5	M5	G1/8	G1/8

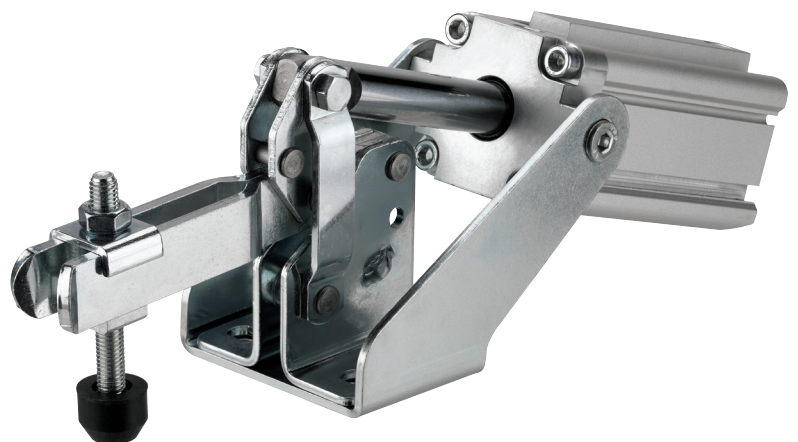
* Vn = Air consumption in cu. in. per double stroke at 85 psig.
Maximum Operating Pressure 145 psig

ILSP92002 REV C

- Double acting pneumatic cylinder with throttle bores for reduced speed.
- Includes heat treated, zinc plated clamping screw.
- Proximity switch capable, order switch separately.

Operating temperature limits are -14 to 140° F

See page G-1 for explanation of F1, F2, F3, and F4



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