

## No. 6825CE

### Heavy pneumatic toggle clamp

with horizontal cylinder attachment.

With adjustable end position cushioning.

**Magnetic piston for end-position monitoring.** Tempered

steel, blued. The axle bolts running in bronze bushes are

tempered, ground and locked with circlips.

Clamp is ready for installation and consists of:

- toggle clamp element
- double acting FESTO pneumatic cylinder
- bearing block

These cylinders are made to DIN ISO 6432.



CAD

Order no.	Size	F1 [kN]	F2 [kN]	F3 [kN]	F4 [kN]	F5 [kN]	Vn [dm <sup>3</sup> ]	Weight [g]
92106	0	0,6	1,0	0,2	0,4	0,10	0,10	260
92122	1	0,8	1,2	0,6	0,8	0,19	0,15	500

F3 or. F4 = max. achievable clamping force at 6 bar.

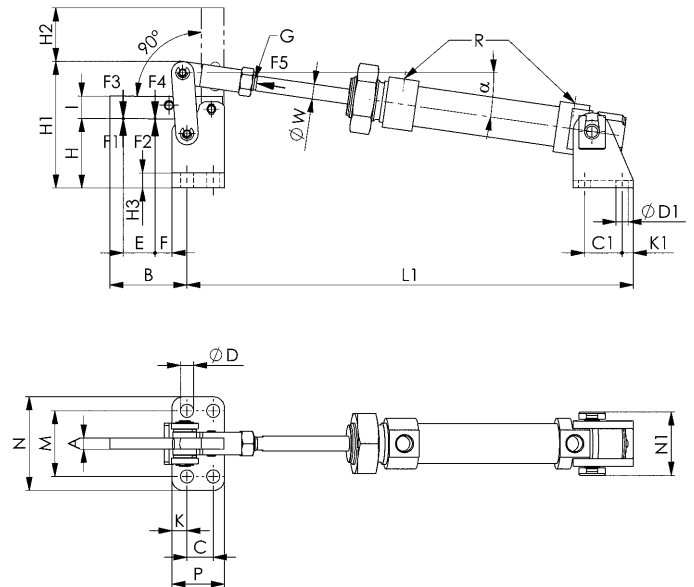
Vn = air consumption per double stroke in dm<sup>3</sup> at 6 bar.

### Application:

These pneumatic toggle clamps are of machine tool quality and can be installed in machines such as material handling lines and special machines. Opening and clamping position of the clamp can be controlled electrically and can be intergrated into automated manufacturing.

### Note:

Please enquire separately for suitable fastening kits and proximity switches for end position monitoring.



### Recommendations



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### Dimensions:

Order no.	Size	A	B	C	C1	dia. D	dia. D1	E	F	G	H	H1	H2	H3
92106	0	5	34	11	15	4,5	5,5	14	7	M6	26	53	23	6
92122	1	6	41	14	20	7,0	6,5	17	9	M8	37	68	28	8

Order no.	Size	I	K	K1	L1	M	N	N1	P	R	dia. W	α	Piston dia.	Piston stroke
92106	0	10	5,5	5	195	27	35	27,5	22	M5	6	6,6°	16	40
92122	1	12	8,0	6	238	35	50	34,0	28	G1/8	8	9,0°	20	40

Piston dia. = Cylinder dia. required for piston force F5 at 6 bar air pressure.