

No. 6825A

Heavy pneumatic toggle clamp

With horizontal cylinder attachment.

Tempered steel, burnished. The bearing bolts running in bearing bushes are tempered, ground and locked with circlips.

With magnetic piston for end-position monitoring.

Ready to connect, comprising:

- mechanical element
- double acting pneumatic cylinder



CAD

Order no.	Size	F1 [kN]	F2 [kN]	F3 [kN]	F4 [kN]	F5 [kN]	Vn [dm³]	Weight [g]
559769	4	6	9	1,5	2,2	0,75	1,0	4800
559770	6	12	18	2,5	3,5	1,00	1,8	6965
559771	8	20	30	4,0	6,0	1,80	4,3	12785

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 integrated into automated manufacturing.

Note:

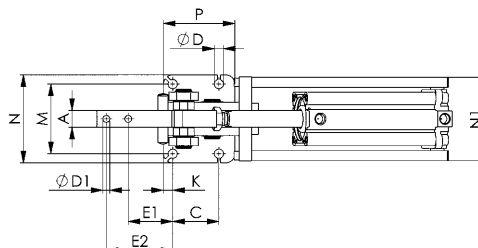
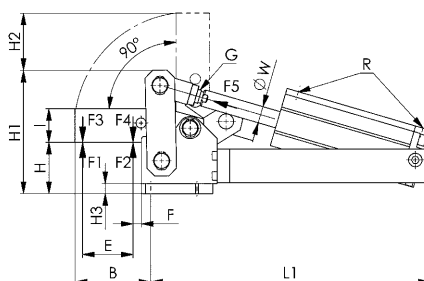
This heavy pneumatic toggle clamp is also available in a hydraulic drive version (article no. 6960C). In case of interest, please ask for our catalogue „Hydraulic Clamping Systems“.

Suitable proximity switches for end-position monitoring are available using order no. 392241.

Design: PUR cable 0.3 m with M8 plug connection and rotating knurled nuts.

Switching function: NOC.

Output: PNP.



Recommendations



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Dimensions:

Order no.	Size	A	B	C	dia. D	dia. D1	E	E1	E2	F	G	H	H1	H2	H3
559769	4	15	82	52	11	6,2	54	47,0	74,0	10,0	M12 x 1,25	57	122	75	12
559770	6	20	90	55	11	8,2	60	53,0	79,0	10,0	M16 x 1,50	61	147	68	12
559771	8	30	128	80	13	13,0	95	69,5	109,5	9,5	M16 x 1,50	86	196	110	12

Order no.	Size	I	K	L1	M	N	N1	P	R	dia. W	Piston dia.
559769	4	30	10,0	284	70	90	82	77,0	G1/8	16	40
559770	6	40	11,0	333	83	105	100	85,0	G1/4	20	50
559771	8	60	12,5	404	111	135	123	112,5	G1/4	20	63