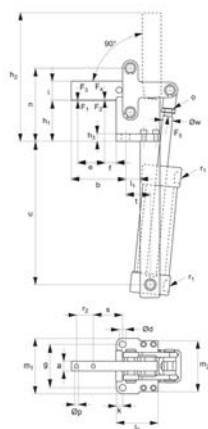


Heavy Duty Vertical Pneumatic Toggle with vertical cylinder mounting

Pneumatic Toggle Clamps



47800

PNEUMATIC TOGGLE CLAMPS

Material

Body: tempered steel, burnished.
Axle bolts: tempered and ground, locked with circlips.
Bushes: case hardened and greased.

Technical Notes

Clamp ready for installation, fitted with FESTO-pneumatic cylinder, double acting.

f_3 and f_4 = max. clamping force at 6 bar.
Piston dia. = required piston dia. to

achieve force f_5 at 6 bar.

V_n = air consumption per double stroke in dm^3 at 6 bar.

Tips

Ideal for installation in material handling lines and special purpose machines.
Opening and closing of clamp can be controlled electronically, allowing integration into automated processes.
See also no. 46200 <X\46200#25> - clamp only.

Clamps are maintenance free, due to heat-treated and ground axle bolts. Holes are provided in arm to allow fixing of clamping elements via welding or screws.

Important Notes

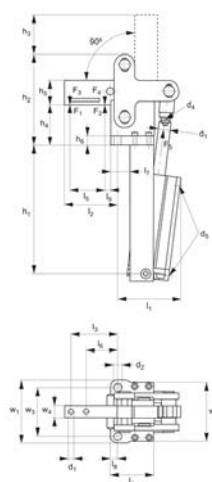
Magnetic piston for end-position sensing.

Please order proximity switch separately from FESTO, see table for details.

Order No.	Size	F_1 kN	F_2 kN	F_3 kN	F_4 kN	F_5 kN	V_n dm^3	h_1	h_2	h_3	a	b	d	Dia. p	e	f	Weight g
47800.W0006	6	12	18	2.5	3.5	1.0	1.8	69	226	15	20	91	13	8.2	60	10.0	7250
Order No.	g_1	i	k	l_1	l_2	m_1	m_2	n	o	$\emptyset w$	Piston dia.	Piston stroke	r_1	r_2	s	t	u
47800.W0006	83	40	12	32	73.5	107	100	137	M16x1,5	16	50	87	G1/4	26	54	48	221



47850



Material

Body: tempered steel, burnished.
Axle bolts: tempered and ground, locked with circlips.
Bushes: case hardened and greased.

Technical Notes

With swivel mounting and adj. end position cushioning.
Clamp ready for installation, fitted with pneumatic cylinder double acting.

F_3 and F_4 = max. clamping force at 6 bar.
 V_n = air consumption per double stroke in dm^3 at 6 bar.
Suitable proximity switches for end-position monitoring are available using order 45001. 0.3m PUR cable with M8 connector and rotatable knurled nuts.
Switching function: NOC. Output: PNP.

Tips

Ideal for installation in material handling lines and special purpose machines.

Opening and closing of clamp can be controlled electronically, allowing integration into automated processes.
See also no. 46100 <X\46100#25> - clamp only.

Important Notes

Magnetic piston for end-position sensing.

Order No.	Size	F_1 kN	F_2 kN	F_3 kN	F_4 kN	F_5 kN	V_n dm^3	h_1	h_2	h_3	h_4	h_5	h_6	l_1	l_2	l_3	Weight g
47850.W0004	4	6	9	1.5	2.2	0.8	1.0	193	129.5	75.5	65	30	12	103	82	74	3850
47850.W0006	6	12	18	2.5	3.5	1.0	1.6	221	154.5	68.5	69	40	15	120	91	80	6950
47850.W0008	8	20	30	4.0	6.0	1.8	1.8	255	204.0	110.0	94	60	20	162	125	107	13160

Order No.	l_4	l_5	l_6	l_7	l_8	Piston dia.	w_1	w_2	w_3	w_4	d_1	d_2	d_3	d_4	d_5
47850.W0004	67	54	47	37	10	40	90	82	70	15	16	11	6.2	M12x1,25	G1/8
47850.W0006	74	60	54	34	12	50	107	100	83	20	20	13	8.2	M16x1,50	G1/4
47850.W0008	109	95	67	49	15	63	145	115	115	30	20	17	13.0	M16x1,50	G1/4