850 SERIES

Pneumatic Toggle Clamps | Product Overview

Features:

- Pneumatic version of Model 650 manual straight line action clamp
- Sensor ready for round or T-slot style sensors
- Built-in flow restriction eliminates need for external flow controls

Applications:

- Assembly
- Welding
- Light press operations

Also Available:

See page MC-ACC-1 for spindle accessories See page MC-PSC-38 for sensing options



Technical Information | Holding Capacities | Dimensions

Model	Maximum Holding Capacity	Maximum Exerting Force @ 5bar [72PSI]	Plunger Travel	Plunger Thread	Weight	Bore Size	Air Consumption† dm³ [ft³]	Port Size
850 _①	[16,000 lbf]	[1232 lbf]	[2.00]	5/8-11	[16.66lb]	[2.48]	[0.109]	1/4 NPT
850-ME(i)	71200 N	5522 N	50,8	M16	7,56kg	63	3,08	G-1/4

1 This item is available upon request. †Per double stroke at 5bar [72PSI]

Max Cylinder Pressure: 10bar [145psig]

Max Operating Temp: -10°C to 90°C [-14°F to 194°F]

Replacement Seal Kit: 850450-63-1-00

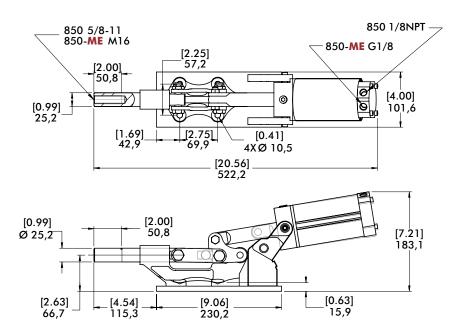
Replacement Clamp Assembly: 850-LC, 850-M-LC

Replacement Cylinder Assembly: 868CYL

Sensor Accessories

Round Reed Switch with Quick Disconnect
T-slot Reed Switch with Quick Disconnect
810169
8EA-109-1
Quick Disconnect 2M Extension Cable
CABL-010
Quick Disconnect 5M Extension Cable
CABL-013

See Pneumatic Accessories section for more options





mm [INCH]

THIRD ANGLE PROJECTION

Item Number

^{*}In no case should the inlet pressure be high enough to create an exerting force that exceeds the clamp's holding capacity. See Technical Appendix Section for details.