830 SERIES

Pneumatic Toggle Clamps | Product Overview

Features:

- Pneumatic version of Model 630 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

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
830	[2500 lbf]	[800 lbf]	[0.75]	3/8-16	2,79kg	[1.57]	[0.029]	1/8 NPT
830-ME	11100 N	3582 N	19,1	M10	[6.14lb]	40	0,83	G-1/8

[†]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: 810450-40-1-00

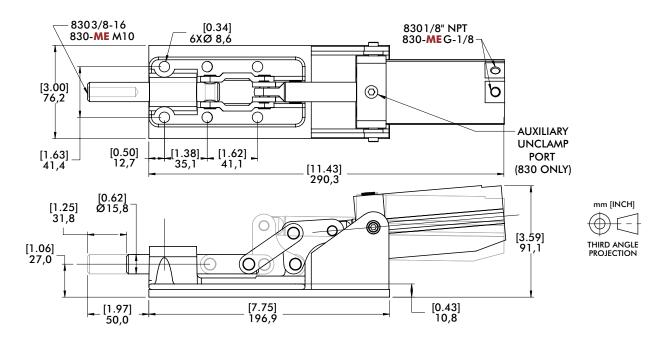
Replacement Clamp Assembly: 830-LC, 830-M-LC Replacement Cylinder Assembly: 810CYL

Sensor Accessories

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

Item Number

See Pneumatic Accessories section for more options





^{*}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.