846 SERIES

Pneumatic Toggle Clamps | Product Overview

Features:
- Similar in size to 807 but with higher holding capacity
- Large, solid clamping arm is easily modified to suit application requirements
- Sensor ready for round or T-slot style sensors

Applications:
- Assembly
- Welding

Also Available:
See page MC-PSC-38 for sensing options

846ⓘ



Technical Information | Holding Capacities

Model	Maximum Holding Capacity Inner	Maximum Holding Capacity Outer	Max. Exerting Force @ 5 bar [72 PSI] Inner	Max. Exerting Force @ 5 bar [72 PSI] Outer	Weight	Bore Size	Air Consumption† dm^3 [ft^3]	Port Size
846ⓘ	[750 lbf] 3340 N	[520 lbf] 2310 N	[786 lbf] 3520 N	[491 lbf] 2200 N	[4.18 lbs] 1,90 kg	[1.57] 40	[0.029] 0,83	1/8 NPT

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

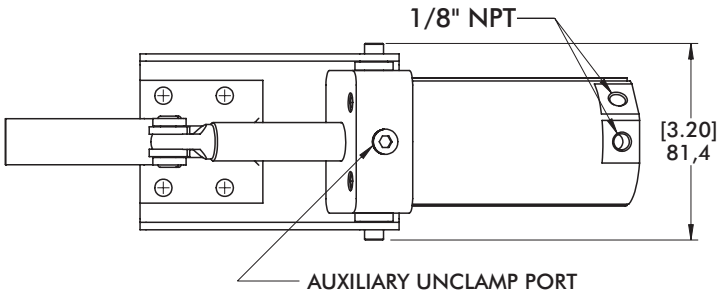
Max Cylinder Pressure: 10bar [145psig]*
Max Operating Temp: -10°C to 90°C [-14°F to 194°F]
Replacement Seal Kit: 810450-40-1-00
Replacement Clamp Assembly: 846-LC
Replacement Cylinder Assembly: 846CYL

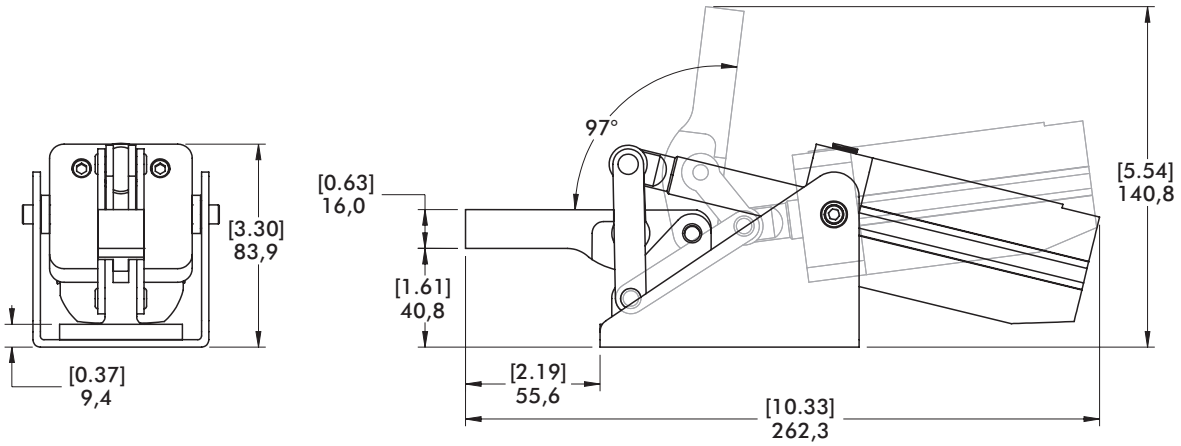
*In no case should the inlet pressure be high enough to create an exerting force that exceeds the clamp's holding capacity. See Technical Appendix Section for details.

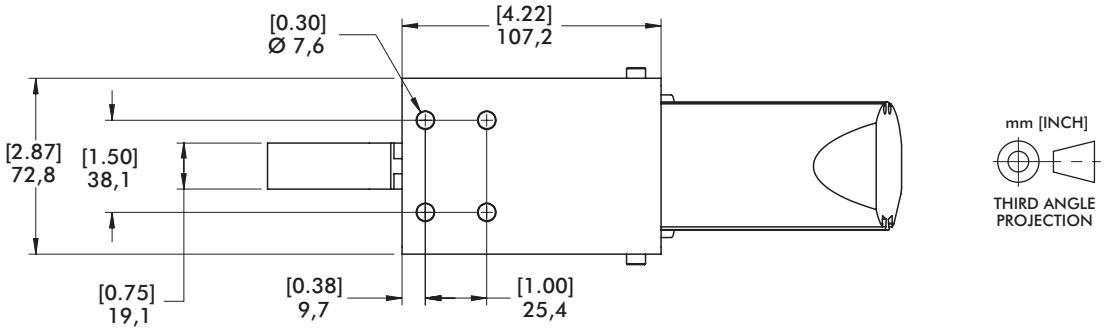
Sensor Accessories	Item Number
Round Reed Switch with Quick Disconnect	810169
T-slot Reed Switch with Quick Disconnect	8EA-109-1
Quick Disconnect 2M Extension Cable	CABL-010
Quick Disconnect 5M Extension Cable	CABL-013

See Pneumatic Accessories section for more options


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1/8" NPT
[3.20]
81,4
AUXILIARY UNCLAMP PORT


97°
[0.63]
16,0
[1.61]
40,8
[5.54]
140,8
[3.30]
83,9
[0.37]
9,4
[2.19]
55,6
[10.33]
262,3


[0.30]
Ø 7,6
[4.22]
107,2
[2.87]
72,8
[1.50]
38,1
[0.75]
19,1
[0.38]
9,7
[1.00]
25,4
mm [INCH]
THIRD ANGLE
PROJECTION