

Series 803 Product Overview

Features:

- Pneumatic version of Model 603 manual straight line action clamp
- Sensor ready for round or T-slot style sensors

Applications:

- Assembly
- Welding

Also Available:

See page 7.1 for spindle accessories
 See page 11.1 for sensing options
 High temperature version available
 Upon Request, add **-HT** to model number. Example: 803-U-**HT**



Series 803 Technical Information, Holding Capacities, Standard Clamp Dimensions

| Model | Maximum Holding Capacity | Maximum Exerting Force @ 5bar [72PSI] | Plunger Travel | Plunger Thread | Weight | Bore Size | Air Consumption† dm³ [ft³] | Port Size |
|--------|--------------------------|---------------------------------------|----------------|----------------|--------------------|--------------|----------------------------|-----------|
| 803 | [600 lbf] 2670 N | [675 lbf] 3015 N | [0.75] 19,1 | 5/16-18 | [1.86lb] 0,84kg | [1.26] 32 | [0.015] 0,42 | 1/8 NPT |
| 803-ME | | | | M8 | | | | 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:** 802450-32-1-00
- Replacement Clamp Assembly:** 803-LC, 803-M-LC

*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

- Round Reed Switch with Quick Disconnect
- T-slot Reed Switch with Quick Disconnect
- Quick Disconnect 2M Extension Cable
- Quick Disconnect 5M Extension Cable

Item Number

- 810169
- 8EA-109-1
- CABL-010
- CABL-013

See Pneumatic Accessories section for more options

