

Series 858 Product Overview

Features:

- Hardened pins and bushing at all pivot points for long lifecycle
- 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 11.1 for sensing options

858  
858-E



Series 858 Technical Information, Holding Capacities

Model	Maximum Holding Capacity		Max. Exerting Force @ 5bar [72PSI]		Weight	Bore Size	Air Consumption† dm <sup>3</sup> [ft <sup>3</sup> ]	Port Size
	Inner	Outer	Inner	Outer				
858	[4,000 lbf]	[2,000 lbf]	[1,530 lbf]	[800 lbf]	[16.11lb]	[2.48]	[0.109]	1/4 NPT
858-E	17800 N	8900 N	6857 N	3585 N	7.31kg	63	3,08	G-1/4

†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:** 858-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**

	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

Series 858 Standard Clamp Dimensions

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