

## PRESSURE REFUELLING NOZZLES F117 SERIES



### F117 Pressure fuelling nozzle for heavy duty service

The F117 nozzle is designed to be used where heavy duty use is expected. The F117 provides a positive leak tight connection to the aircraft adapter during fuelling operations. In the basic configuration it is furnished standard with a six-bolt mounting flanged inlet compatible with any one of several Whittaker swivels and HECV's. It has full-length, high strength, solid bicycle-type handles, a man sized flow control handle that is fully interlocked to prevent inadvertent spills, heavy duty shell grips and a dust cap; all as standard equipment. When combined with a swivel and/or HECV it becomes a complete unit. The F117 is therefore a family of nozzles out of which can be obtained the correct nozzle for the application.

The Whittaker F117 is available with two different inlet coupling-strainer sizes (diameter) and various inlet threads. Choose the nozzle for applicable pressure drop requirements from the table below.

Coupling and strainer dia - inches	Coupling type	Pressure drop at 500 gpm*
3.0 (alum-CRES)	3	11.5 PSI
3.0 (alum-CRES)	4	11.5 PSI
2.5 (flight refueling)	5	16.0 PSI
2.5 (alum-CRES)	7	16.0 PSI

\* Data includes 100 mesh strainer and swivel.

For complete data see back page, mod section and technical section.

See the modification section of this catalog for various options to the part number listed above.

Contact your local Whittaker distributor or Whittaker directly for technical information beyond that listed in the technical section of this catalog.

### Features

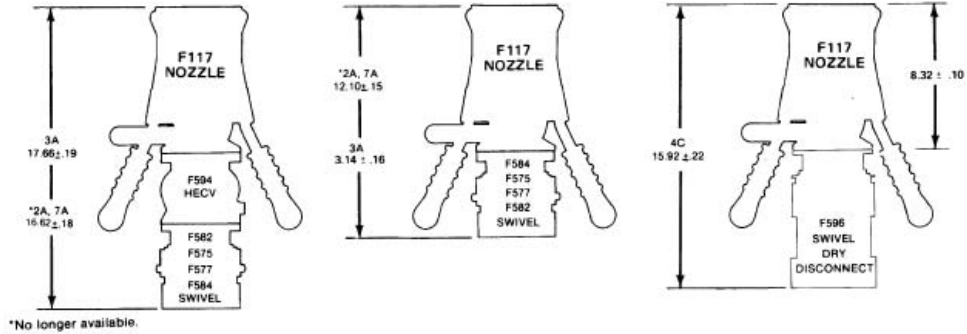
- Mates with international standard bayonet adapter
- Flexible-floating modular nose-poppet seal design tolerant to temperature, worn adapters and abuse
- Six slot connector and replaceable nose end available (mod Z)
- Heavy duty shell grips and double bolted handles standard
- No copper or copper alloys used in contact with fuel
- Man-sized flow control handle made of high-strength manganese bronze for ease of operation in all weather conditions
- All handles, standard or extra long (10-inch) of solid wrought aluminum
- Will not mate adapters with product selection
- Rugged yet lightweight for heavy duty service
- Two, 2.5 and three-inch ANPT and 2.5 and three-inch BSPPL threaded inlets available
- 40, 60 and 100 mesh strainers available
- Dry disconnect swivel assembly available
- Grounding cable and vacuum breaker optional
- 35, 45, 50 and 55 PSI HECV's optional

Note: For standard duty service use the Whittaker nozzle F116.

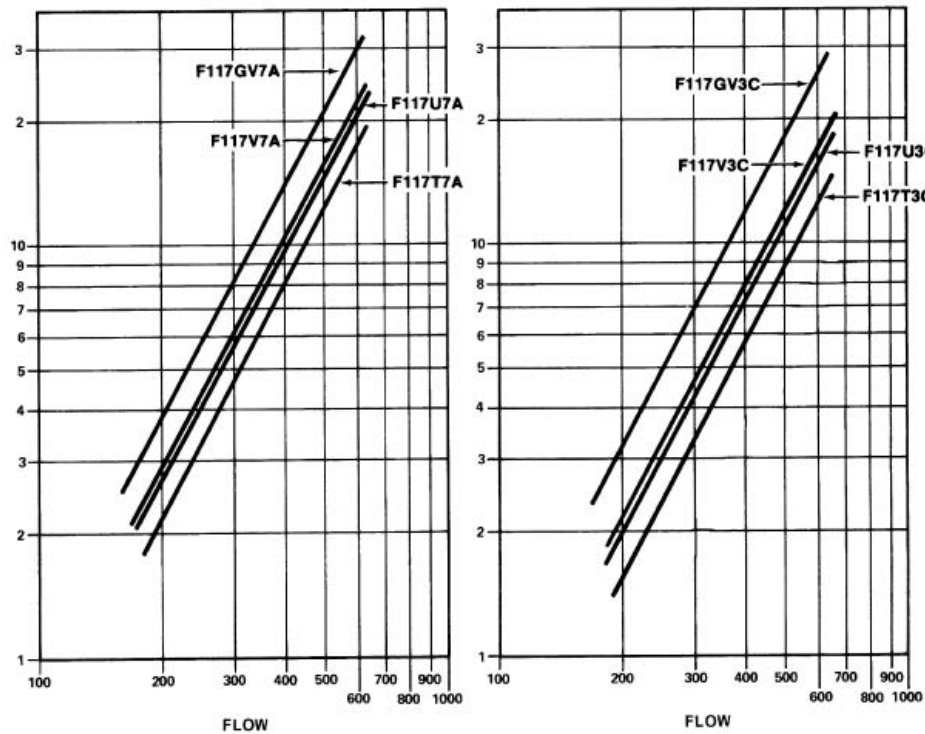
# PRESSURE FUELLING NOZZLES

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### F117 Dimensions



### F117 Flow Data



**Avery-Handoll**  
 Holland Way  
 Blandford Forum  
 Dorset DT11 7BJ  
 UK

**Whittaker Controls**  
 12838 Saticoy St  
 North Hollywood  
 California 91605-3505  
 USA

Tel: +44 (0) 1258 486600  
 Fax: +44 (0) 1258 486601

Telephone: +1 818 765 8160  
 FAX: +1 818 759 2194

[www.meggittfuelling.com](http://www.meggittfuelling.com)

[www.wkr.com](http://www.wkr.com)  
[www.meggitt.com](http://www.meggitt.com)

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