

Fuelling products

Pressure fuelling nozzles

F116 Series

F116 Underwing nozzles
for regular to medium service duty



The F116 Nozzle is a medium weight Meggitt standard size nozzle designed for regular duty at commercial airports worldwide. The F116 provides 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 Meggitt 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, and a dust cap; all as standard equipment. When combined with a swivel and/or HECV it becomes a complete unit. The F116 is therefore a family of nozzles out of which can be obtained the correct nozzle for the application.

The Meggitt F116 is available with two different inlet coupling-strainer sizes (diameter) and various inlet threads. Choose the nozzle for the applicable pressure drop requirements from the table on page 2.

Additional features

- 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
- Pressure gauge available
Note: for heavy duty service use the Meggitt F117 nozzle.

Key Features

- Mates with international standard bayonet adapter
- Floating nose seal tolerant to temperature or worn adapters - changeable with minimal disassembly
- Flexible lip nose seal (F117 type) available as option (mod N)
- Six slot connector and replaceable nose end available (mod Z)
- Poppet seal - modular replacement concept
- No copper or copper alloys used in contact with fuel
- Man-sized flow control handle made of high strength aluminum for ease of operation in all weather conditions
- Extra long 10-inch handles available - standard handles are 7-inches long. All handles of solid wrought aluminum
- Will not mate adapters with product selection
- Lighter weight for standard to medium service duty
- Two, 2.5, and 3-inch ANPT and 2.5 and 3-inch BSPPL threaded inlets available

Meggitt Control Systems

Our product competencies & services:
Aerospace valves | Thermal management solutions | Environmental control systems | Electro-mechanical products
Ground fuelling products | Energy products | Aftermarket services

MEGGITT
smart engineering for
extreme environments

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Key Dimensions

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

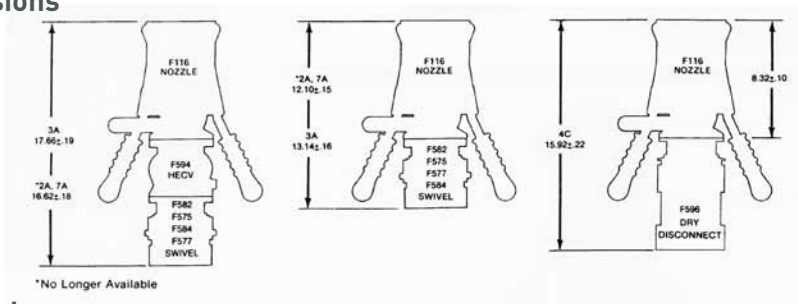
* Data includes 100 mesh strainer and swivel.

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

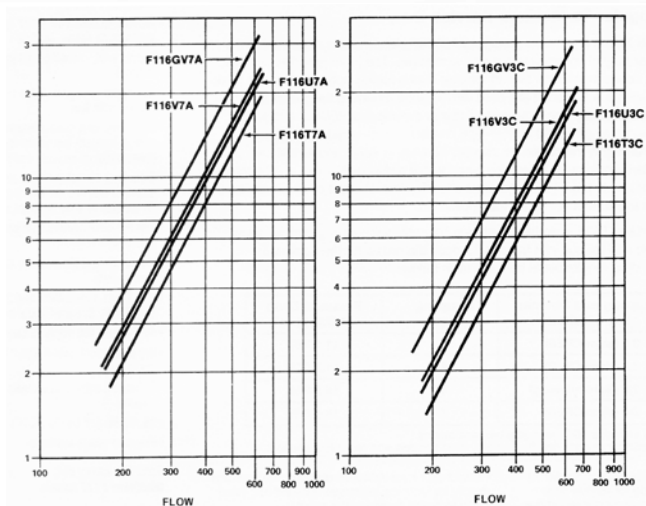
See the modification section of this catalog for various options to the part number listed above.

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

F116 Dimensions



F116 Flow Data



Contact

Meggitt North Hollywood

12838 Saticoy Street
North Hollywood
California 91605-3505
USA

Tel: (818) 765-8160
Fax: (818) 759-2194

www.meggitt.com

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