



Fuel Filtration

118 mm / 4.65" Filter Diameter



118 mm Spin-on Filter Assembly

Max Flow Rate

Primary: 840 lph / 220 gph
 Secondary: 1080 lph / 285 gph
 See filter chart for flow rates

Operating Pressure

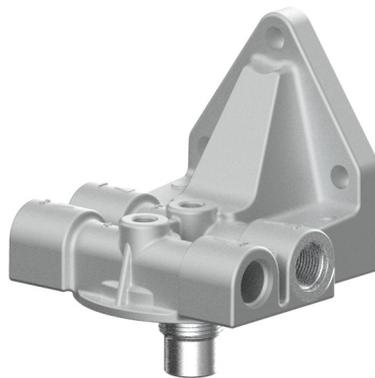
210 kPa / 0-30 psi with bowl
 690 kPa / 0-100 psi without bowl

Temperature Range

-40 °C to 121 °C / -40 °F to 250 °F

Fuel Compatibility

#1 or #2 Diesel, Kerosene,
 Biodiesel up to B20 and JP8



Head*
 M14 x 1.5 Ports
PART NO. P580508



PRIMARY
 Spin-on Fuel Filter
 Water Separator



SECONDARY
 Spin-on
 Fuel Filter



Optional
 Clear Water
 Collection Bowl
PART NO. P569758



Water in Fuel Sensor & Display Kit
PART NO. X220112
 Lead times may apply



Standard
 Twist&Drain™ Valve
PART NO. P571330



Twist&Drain™ Valve
 1/2"-20 UNF
 Threaded Sensor Port
PART NO. P550865



Twist&Drain™ Valve with
 Passive Water-in-Fuel
 Sensor

Packard Terminal
PART NO. P570618

Deutsch Terminal
PART NO. P570619



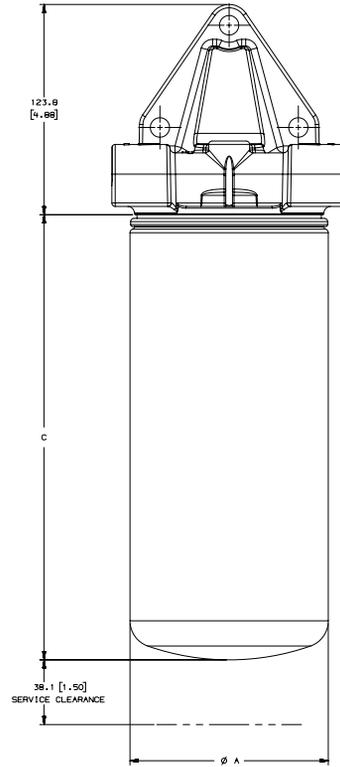
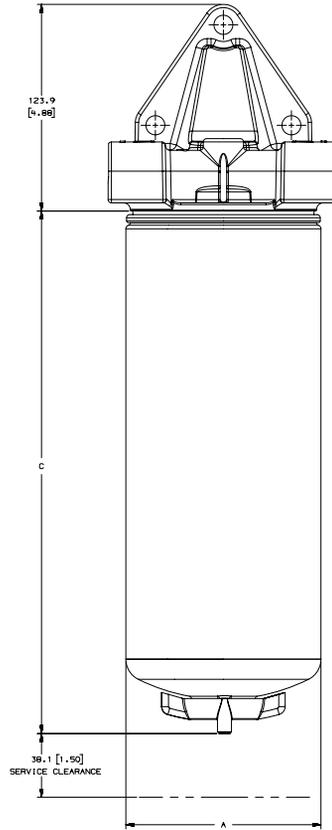
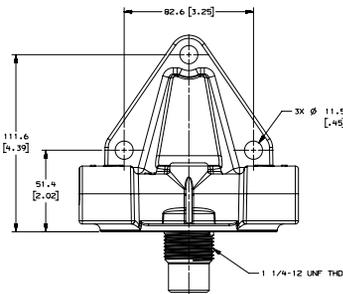
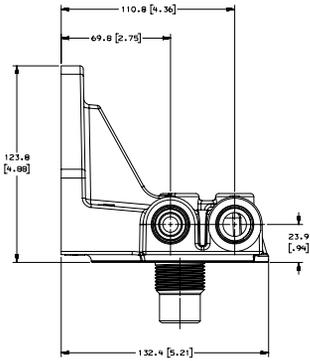
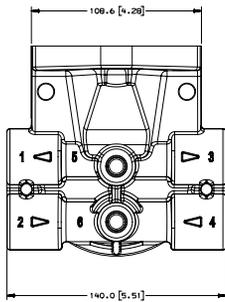
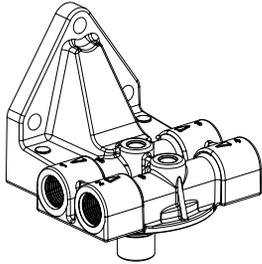
Twist&Drain™ Valve with
 Digital Water-in-Fuel Sensor
 Tyco/AMP Terminal
PART NO. P572227

Deutsch Terminal
PART NO. P570349



Specification Illustrations

BASIC HEAD* †



Basic Head
M14 x 1.5 Ports
PART NO. P580508

NOTES

* Head lead times may apply.

† Heads include two plugs for use in either the inlet or outlet port positions.

Contact your Donaldson sales representative for more details.



Filter Selection Chart

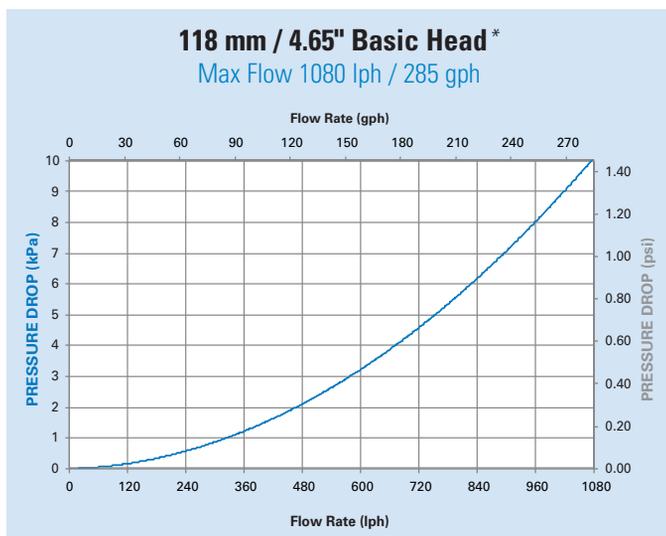
Filter Style	Maximum Recommended Flow Rate		Filter Length*		Media Type	Efficiency @ 99% per ISO 19438	Part Number
	lph	gph	mm	in			
Primary							
Standard Drain 	840	220	310.9	12.24	Synteq Synthetic	10 µm	P552006
					Cellulose	17 µm	P552216
Secondary							
No Drain 	1080	285	260.0	10.24	Cellulose	9 µm	P550202†



* Water Collection Bowl (part no. P569758) adds 50 mm / 1.98 in. to filter length.

† For use on non-high pressure common rail fuel systems only. For Tier 4 applications, contact your Donaldson sales representative.

Performance Curves



* Filter elements add an additional 1-2 kPa (0.14 - 0.29 psi) restriction to filter assembly at the max recommended flow rate.

Water in Fuel Sensor & Dashboard Display Kit

WIF and Display Kit	Part Number
	X220112*

This kit contains a WIF sensor drain valve with electrical plug, wiring loom and a dash mount LED display.

- Detects separated water in both filter and water collection bowl
- Adjustable LED display brightness
- Automatically resets display after water is drained
- Can be used with any Donaldson Twist&Drain™ style fuel filter

* Lead times may apply. Please contact your Donaldson sales representative for lead time details.