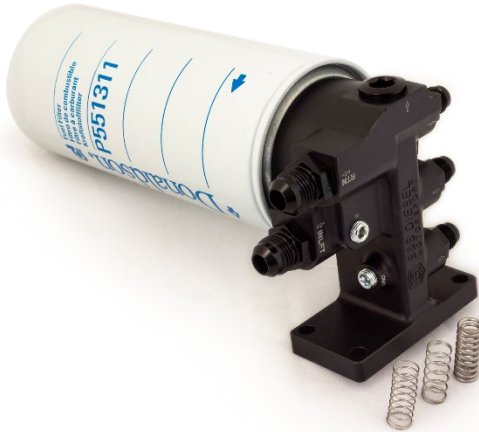







# Regulated Filter Head

FDS-RFH-ASM



-  Hard Coat Anodized for Durability
-  Tested to 3,000 Liters Per Hour
-  Weight - 752 g
-  Aluminum and Steel Construction
-  Built in Pressure Regulator

The Regulated Filter Head is a compact unit that features a built-in pressure regulator, stock Cummins mounting flange, filter in and out pressure ports, and a fuel distribution block.

The filter head design keeps durability in mind with multiple key features: steel insert for filter threads, hard coat anodizing to prevent oxidation and wear in the regulator, and a billet 6061 aluminum body.

The Filter Head is designed to pair with the S&S Diesel Motorsport Fuel Supply Pump for anything from 200 horsepower to more than 3000 horsepower.

Multiple springs are supplied to be able to use the filter head for a variety of applications. The regulator port can simply be blocked off if only filtration is needed.

## Technical Specifications

Fuel Compatibility	Diesel
Weight (No filter)	752 g (1.65 lbs)
Maximum Dimensions	See Drawings
Max Flow	3000 l/hr
Fuel Temperature	-40° to 70°C
Maximum Pressure	200 psi
Available Regulator Springs	5, 15, and 180 psi

## Application

Daily Driver to Race Vehicle

## Filter Specifications

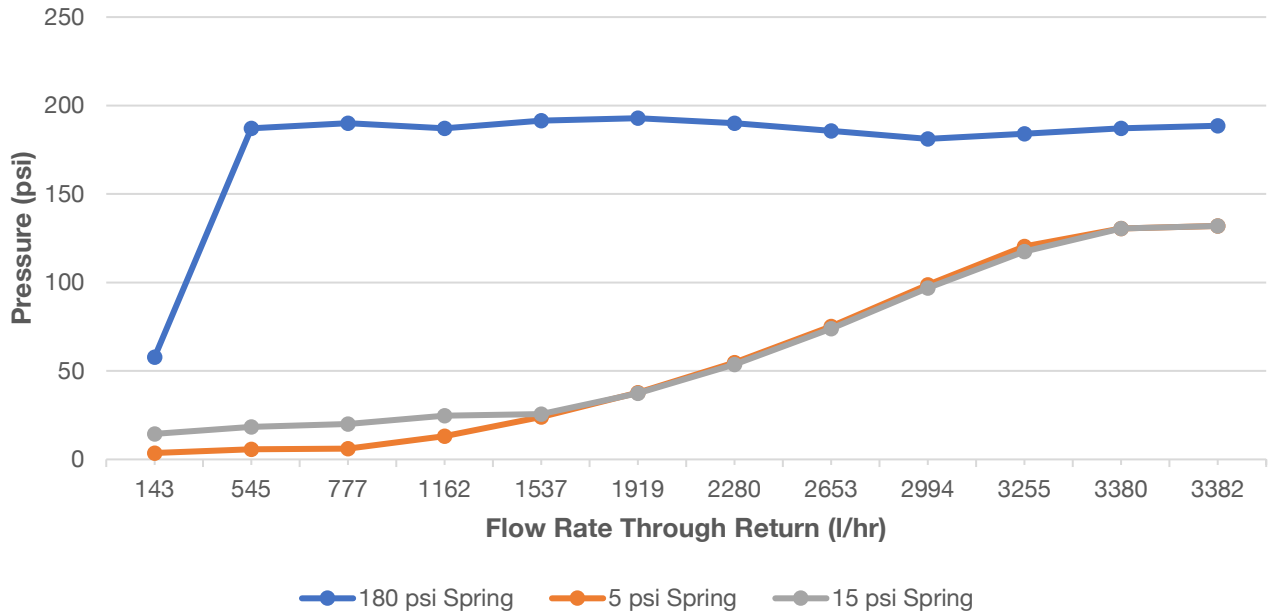
Included Filter	Donaldson P551311
Efficiency	99% at 3 Micron
Media Type	Cellulose
Maximum Delta P (Collapse Rating)	100 psi

## Key Features

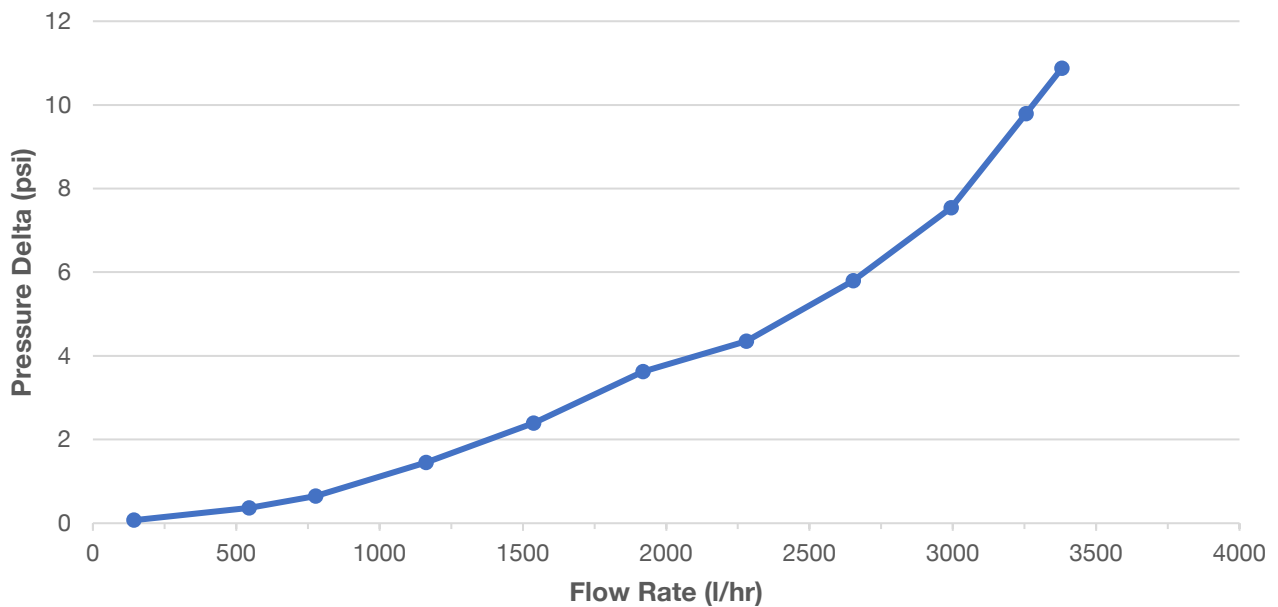
Inlet pressure sensing ports (1/8 npt)
Outlet pressure sensing port (1/8 npt)
Works for all CP3 Configurations
Pressure Regulator designed optimized for zero chatter operation
Steel and Aluminum Construction

# Flow Data

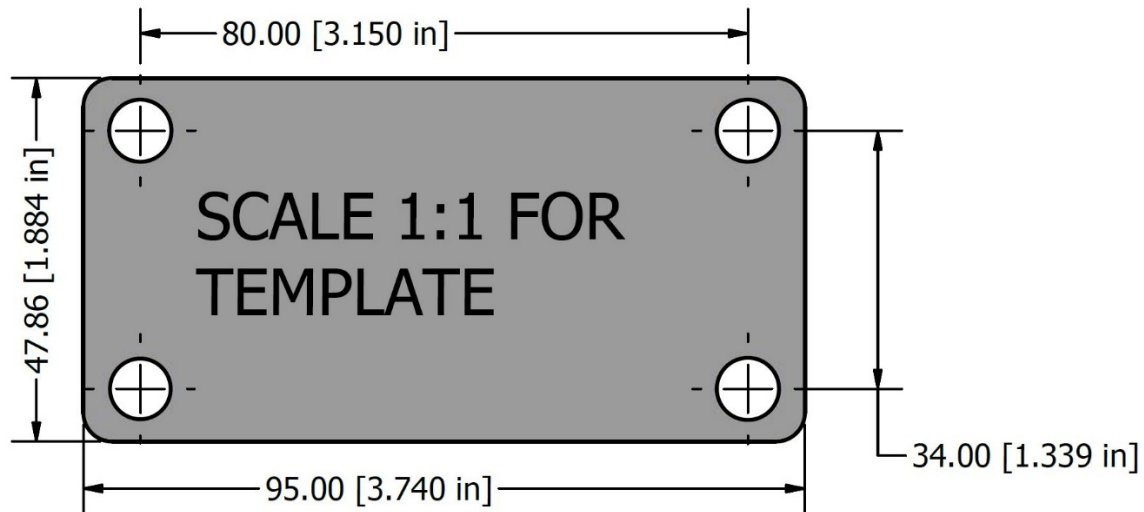
### Spring Selection Guide



### Flow Rate vs Pressure Drop Across the Filter

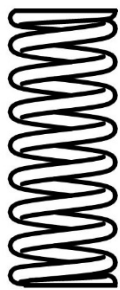


## Mounting Pattern



*Note: Make sure to set printer at 100% scale when printing the template, and confirm measurements.*

## Spring Selection



180 psi Spring

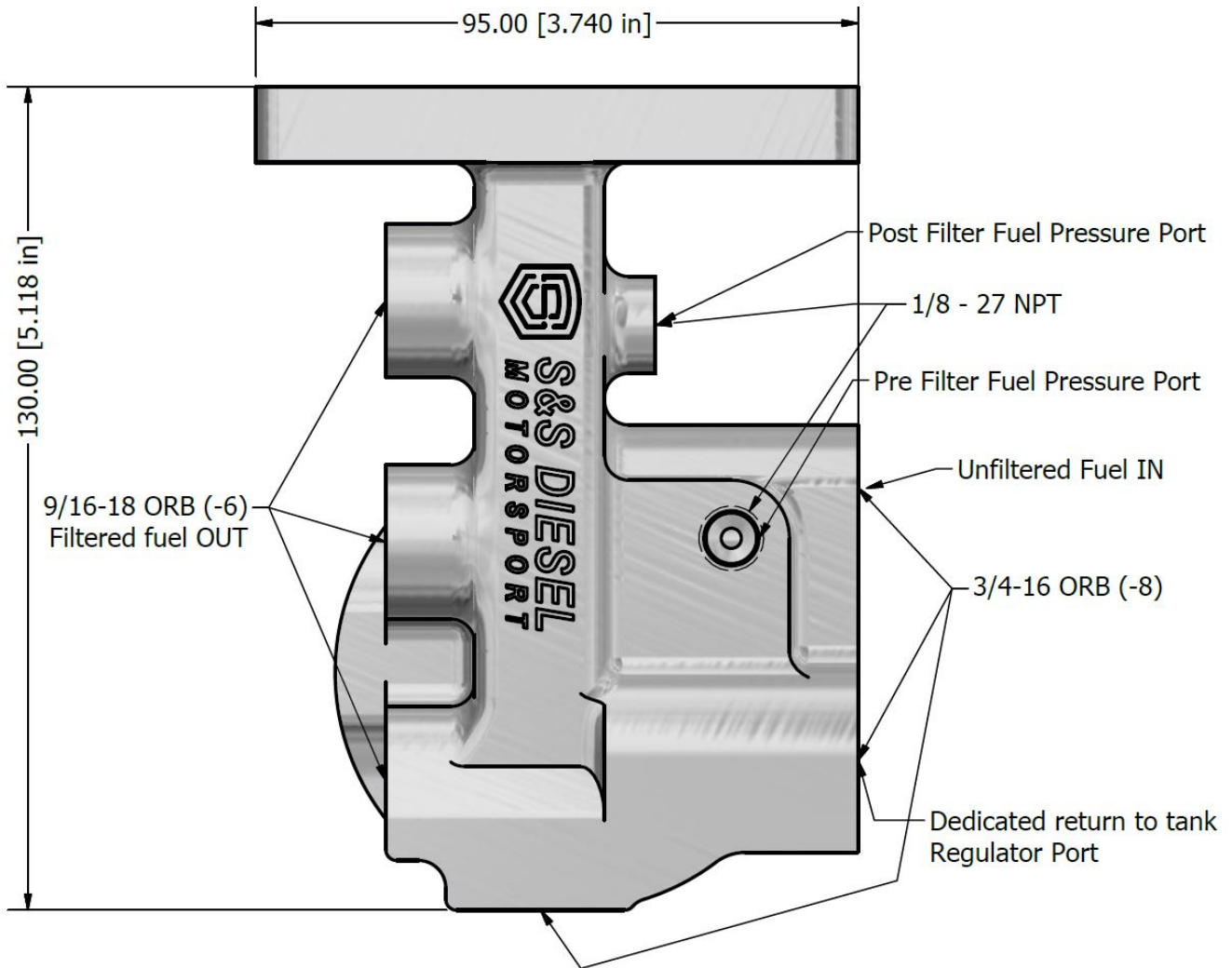


15 psi Spring

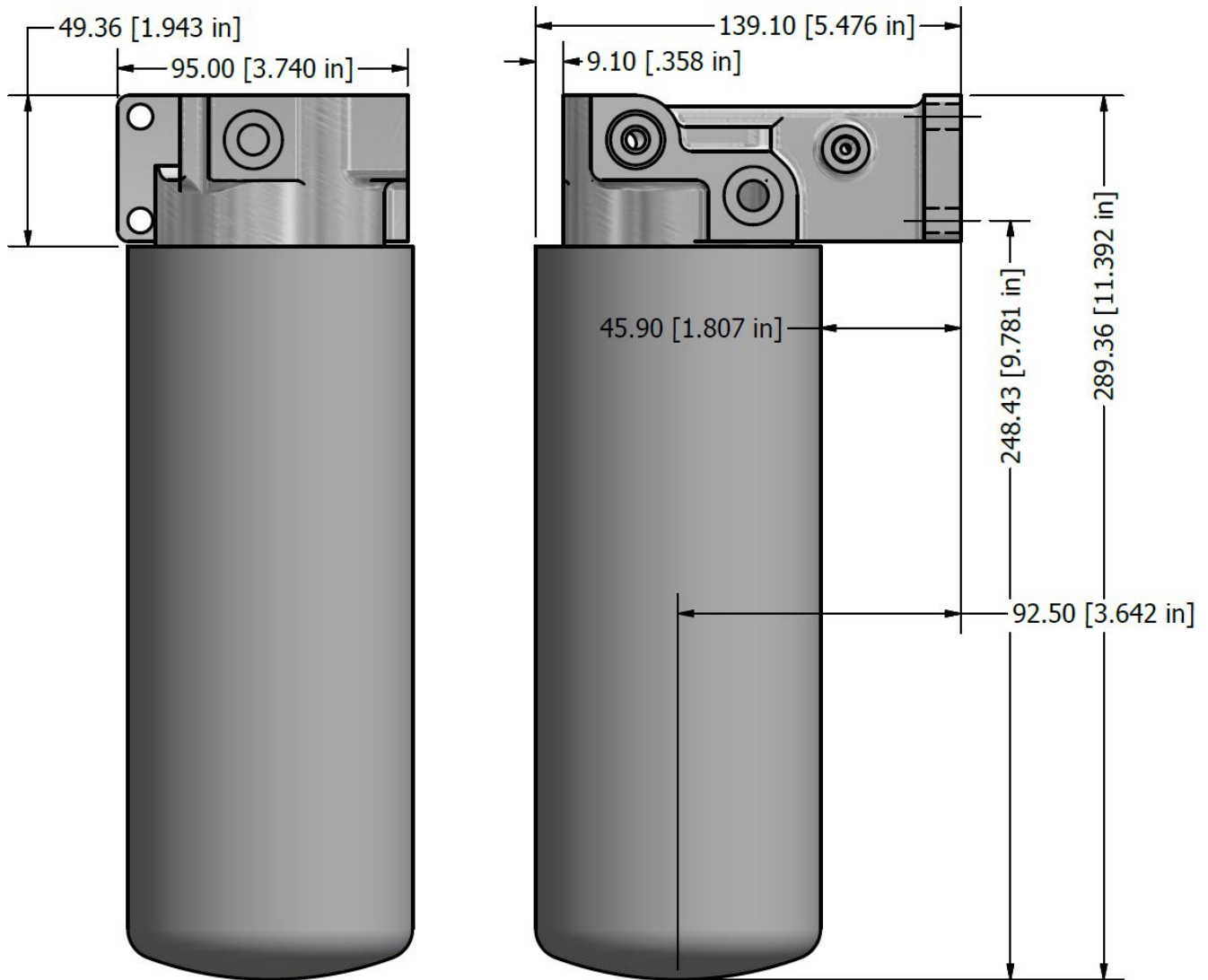


5 psi Spring

# Drawings



# Drawings Continued



# Routing Diagram

