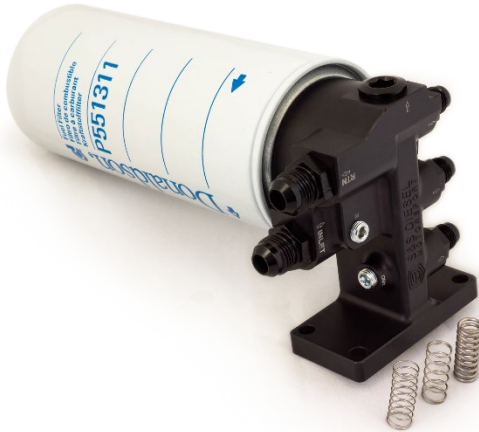







Regulated Filter Head

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

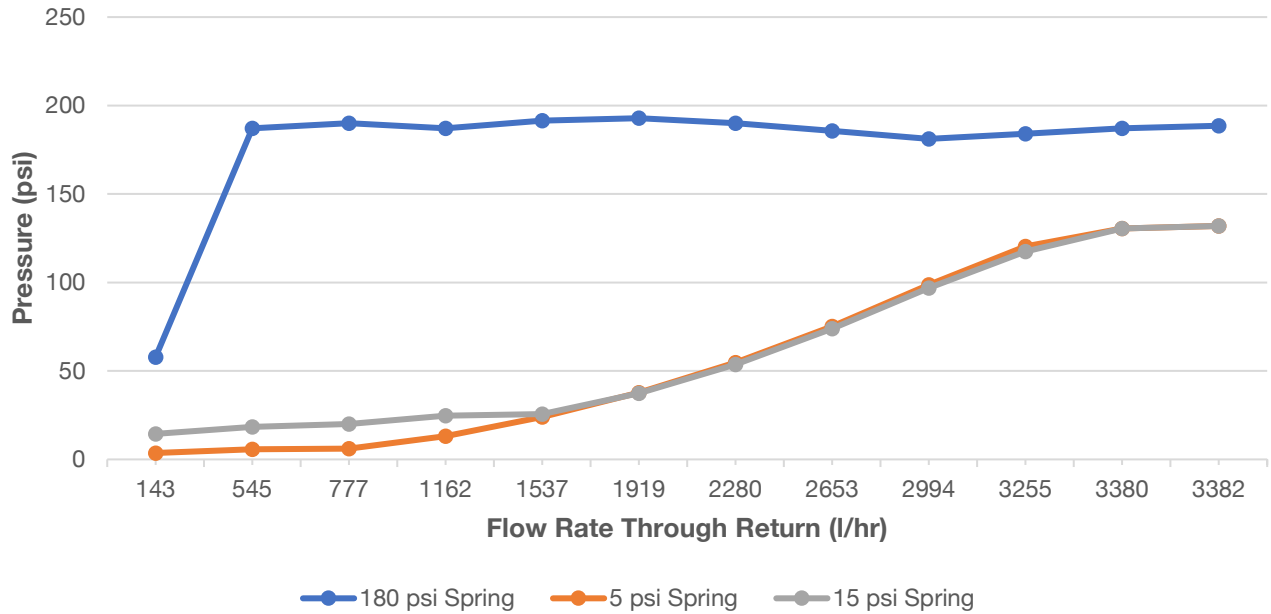
Included Filter	Donaldson P551311
Efficiency	99% at 3 Micron
Media Type	Cellulose
Maximum Delta P (Collapse Rating)	100 psi

Key Features

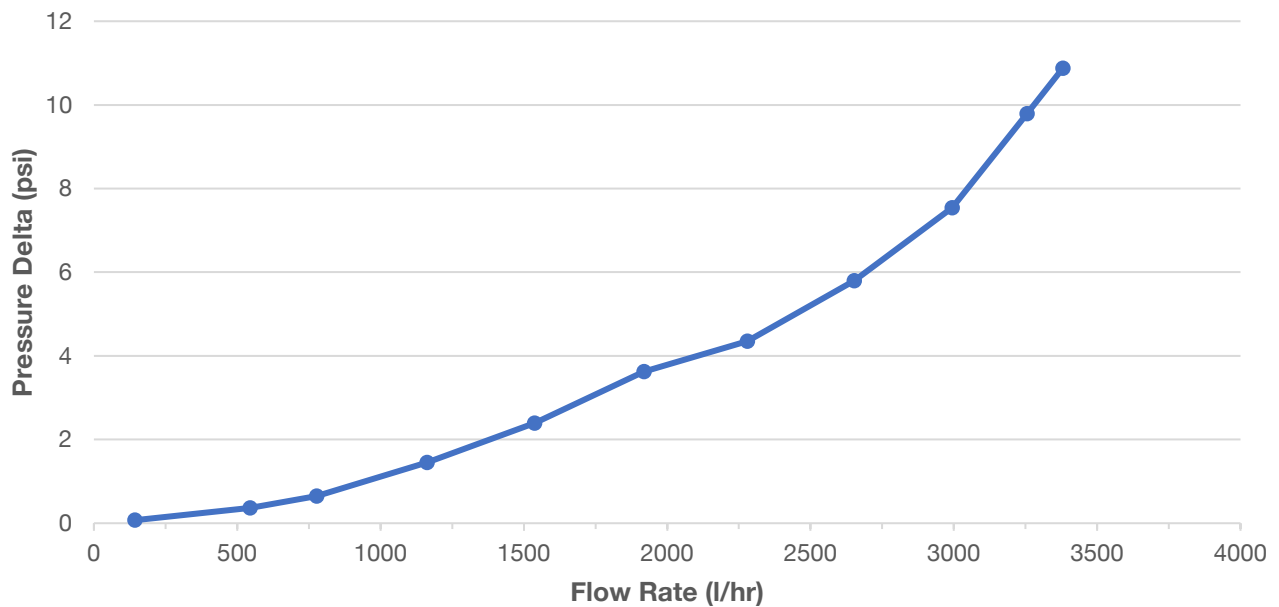
Inlet pressure sensing ports (1/8 npt)
Outlet pressure sensing port (1/8 npt)
Works for all CP3 Configurations
Pressure Regulator designed optimized for zero chatter operation
Steel and Aluminum Construction

Flow Data

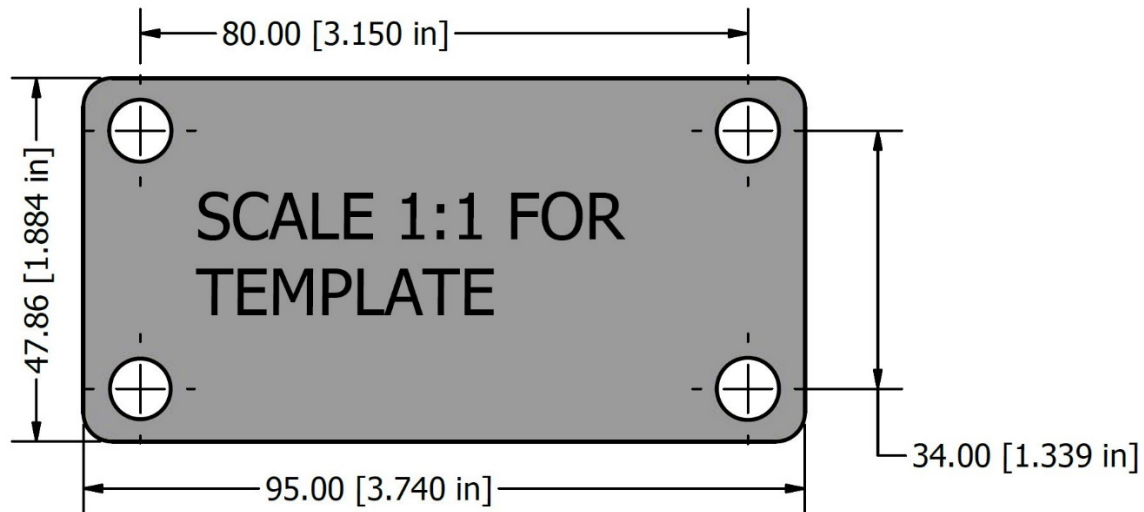
Spring Selection Guide



Flow Rate vs Pressure Drop Across the Filter

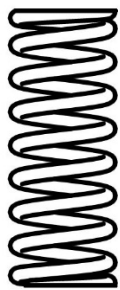


Mounting Pattern



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

Spring Selection



180 psi Spring

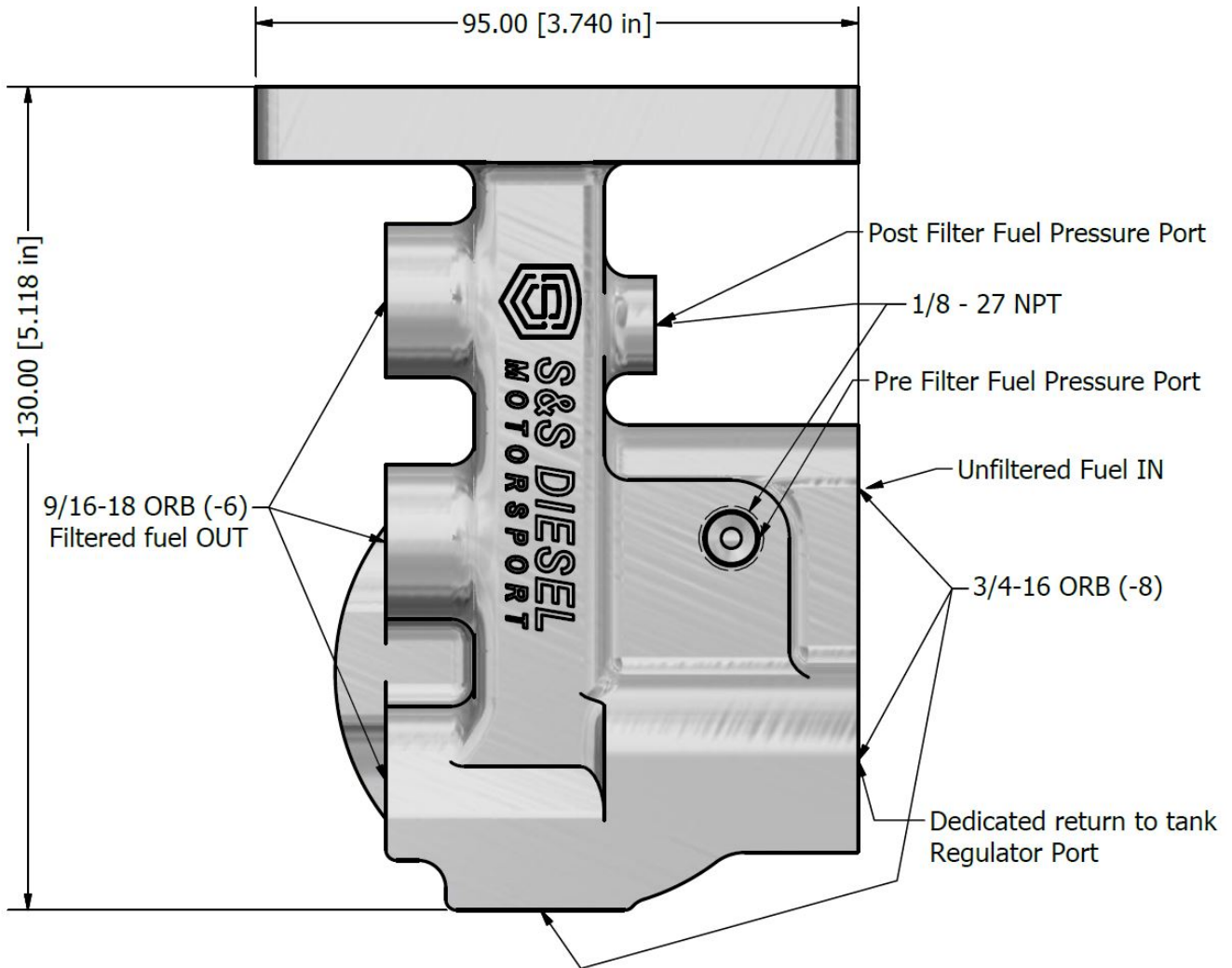


15 psi Spring

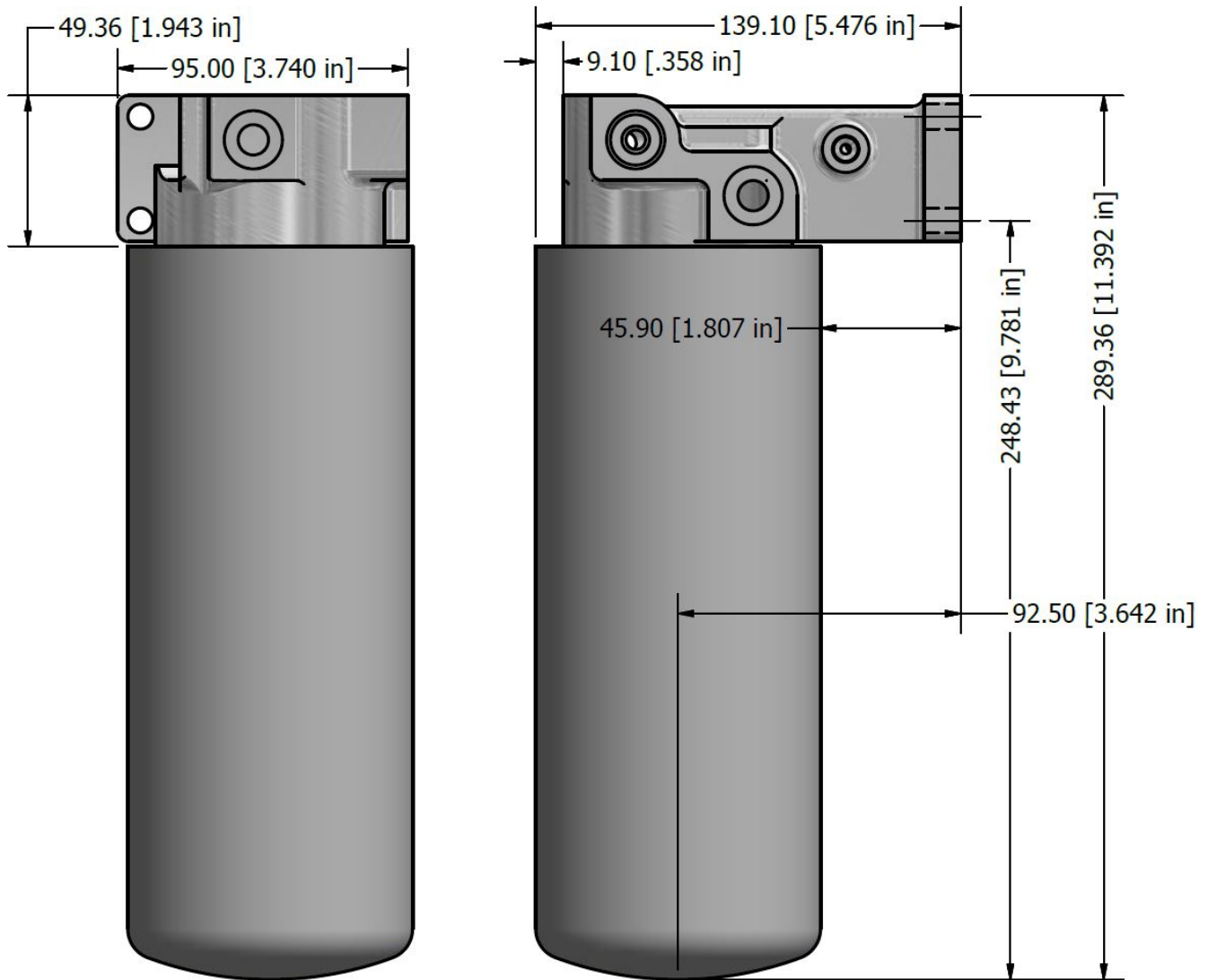


5 psi Spring

Drawings



Drawings Continued



Routing Diagram

