

# REGULATORS / BYPASS AND BLOCKING

## EFI and Carbureted Regulators Kits Available

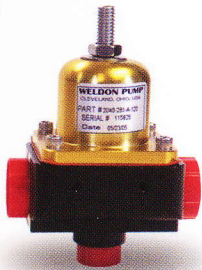
### When ordering please specify:

- Bypass orifice size
- Fuel
- Desired pressure range

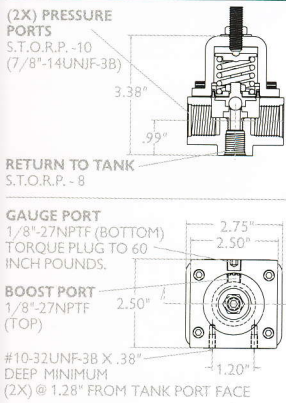
## A2040 SERIES

(Bypass Regulators)

USCG Certified for marine use!



### Dimensions



### Features

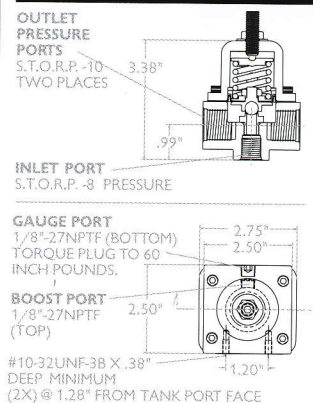
- Fastest response rate
- Provides stable fuel delivery for the most demanding requirements.
- All Weldon Regulators maintain steady fuel delivery during dramatic changes in fuel demand, such as WOT conditions, boost application and gear changes.
- Fully adjustable from 4-200 psi
- .281" bypass orifice
- Hardened steel ball and replaceable steel seat
- Fluorocarbon diaphragm
- Compatible with all racing fuels including nitro methane, ethanol, and methanol.
- 1/8" NPT Gauge Port
- 1/8" NPT manifold pressure reference port
- Fuel pressure increases on a 1:1 ratio with boost
- two -10 pressure ports
- -8 return port
- Replaceable/interchangeable internal components
- User serviceable
- For use with all Weldon Pumps as well as pumps from other manufacturers
- Weldon gold anodized cover

## 2046 SERIES

(Blocking Regulators)



### Dimensions



### Features

- Unique Needle and Seat Assembly
- Fluorosilicon Diaphragm
- Fastest response rate
- Provides stable fuel delivery for the most demanding requirements.
- All Weldon Regulators maintain steady fuel delivery during dramatic changes in fuel demand, such as WOT conditions, and gear changes.

## 2047 SERIES

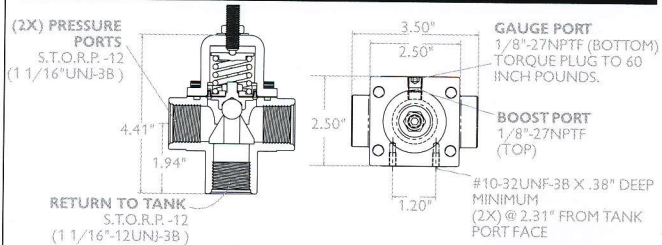
High Flow Bypass Regulators)

### Features

- Teflon® diaphragm with o-ring seal ensures leak free operation
- -12 pressure and return ports
- .438 bypass orifice
- Capable of flowing well over 10 gpm
- Fully adjustable pressure settings
- Same mounting pattern as our popular A2040 series regulator
- Designed to work with electric and engine driven pumps
- Fastest response rate
- Provides stable fuel delivery for the most demanding requirements.



### Dimensions

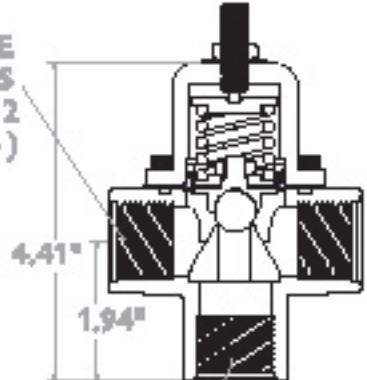


- All Weldon Regulators maintain steady fuel delivery during dramatic changes in fuel demand, such as WOT conditions, boost application and gear changes.
- Compatible with all racing fuels including nitro methane, ethanol and methanol.
- 1/8" NPT manifold pressure reference port
- 1/8" NPT Gauge Port

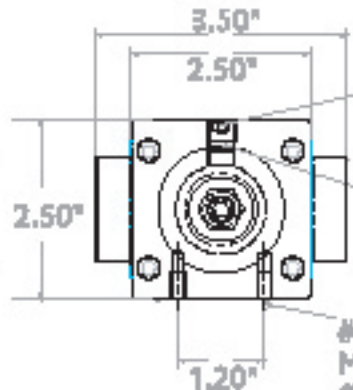
- Replaceable/interchangeable internal components
- User serviceable
- For use with all Weldon Pumps as well as pumps from other manufacturers
- Weldon gold anodized cover

- We offer free expert fuel system consultation
- We can design a custom pump for your application if your requirements are not listed in this catalog. Call or e-mail to discuss!

**(2X) PRESSURE PORTS**  
S.T.O.R.P. -12  
(1 1/16" UNF-3B)



**RETURN TO TANK**  
S.T.O.R.P. -12  
(1 1/16" -12 UNF-3B)



**GAUGE PORT**  
1/8" -27 NPTF (BOTTOM)  
TORQUE PLUG TO 60  
INCH POUNDS.

**BOOST PORT**  
1/8" -27 NPTF  
(TOP)

**#10-32 UNF-3B X .38" DEEP**  
**MINIMUM**  
**(2X) @ 2.31" FROM TANK**  
**PORT FACE**

