

REGULATORS: 116-4000/5000 Heavy Duty Series



Relieving



Non-Relieving

Features

- Pipe size between 3/4" and 1-1/2"
- Machined aluminum body provides close tolerances for exceptional accuracy, repeatability and responsiveness.
- Piston style regulator
- Relieving and non-relieving versions available
- Gauge port plugs included
- Available with T-handle, knob or lock and key mechanism
- Preset and tamperproof options available
- Gauges available
- Constant bleed fitting available for even greater accuracy

Operating Specifications

Gauge Ports: two 1/4" NPT (Standard)

Maximum Inlet Pressure: 250 PSIG

Temperature Rating: Aluminum Bonnet: 0-175°F

Weight:

(116-4000): 1520 g

(116-5000): 1428 g

Accessories & Kits

Panel Nuts: (w/ 117 only) 11125

Repair Kit: 14520

Constant Bleed Fitting: 13557

Materials of Construction

Body: Machined Aluminum

Piston Assembly: Machined Aluminum

Compression Spring: Spring Steel

Bonnet: Aluminum

Poppet Seat: Brass **Poppet Valve:** Brass

Adjustment Screw: Zinc Plated Steel

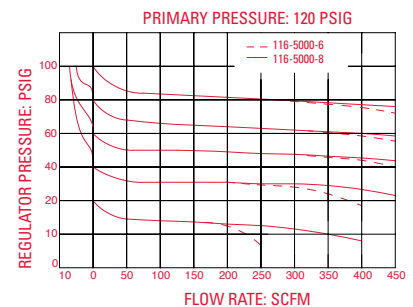
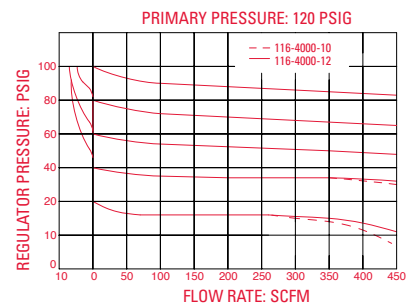
T-Handle: Zinc Plated Steel

Locking Nut: Zinc Plated Steel

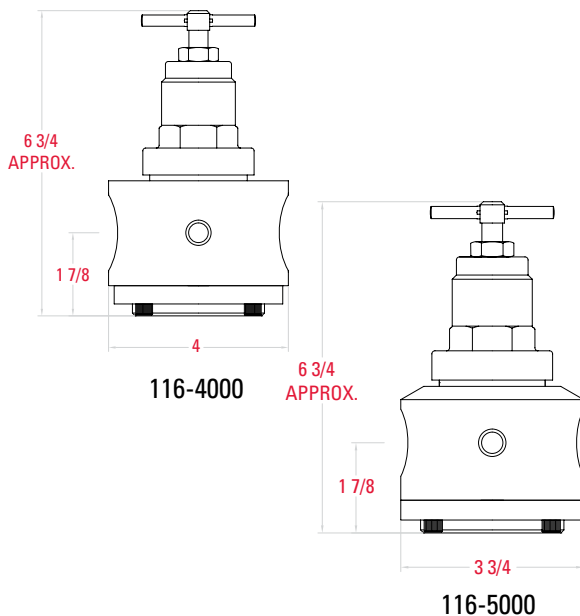
Spring Guide: Zinc Plated Steel

Knob: Plastic

Flow Characteristics



Dimensions



Ordering Information

116-5000-6

Thread Options

Pipe Mounting (unthreaded)	6
Bracket Mounting (threaded)	7

Body Size

1 1/4", 1 1/2"	4
3/4", 1"	5

Pressure

10-130 Relieving	00
10-130 Non-Relieving	01
5-60 Relieving	02
5-60 Non-Relieving	03
3-30 Relieving	04
3-30 Non-Relieving	05
20-250 Relieving	06
20-250 Non-Relieving	07

Pipe Size

3/4"	6
1"	8
1 1/4"	10
1 1/2"	12

OPTIONS

Anodizing

No Anodizing	Blank
Blue	A1
Black	A2
Clear	A3
Green	A4
Red	A5
Yellow	A6
Gold	A7
Purple	A8

Seals

Buna-N (Standard)	Blank
Fluorocarbon	V

Attachment Parts

Gauge	G
Knob	K

Tamperproof

Tamperproof (Lock & Key)	T
Preset	P
Preset & Tamperproof (Lock & Key)	PT