

## Pressure Relief Valve

Series 8010

### Features

- ▶ High flow with Zero Leak
- ▶ Extended seat life
- ▶ Factory pre-set or field adjustable
- ▶ Optional tamper-proof cap
- ▶ Stainless steel internals
- ▶ Metal-to-metal seal

### Applications

- ▶ Pump system safety
- ▶ Compressor over pressure protection
- ▶ Hydraulic power units
- ▶ Tank protection
- ▶ Accumulator systems

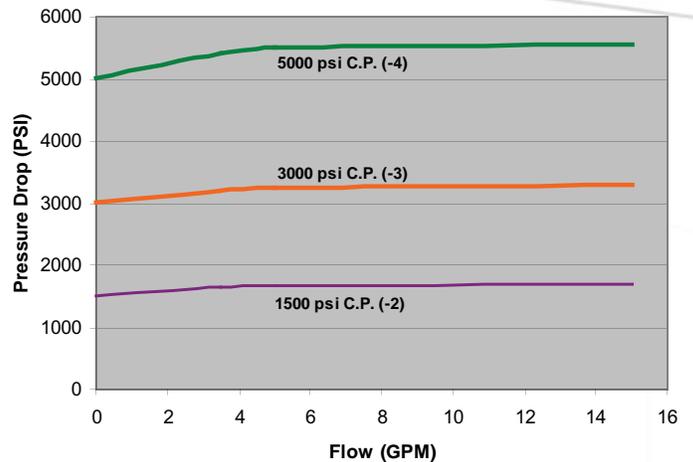


### General Specifications\*

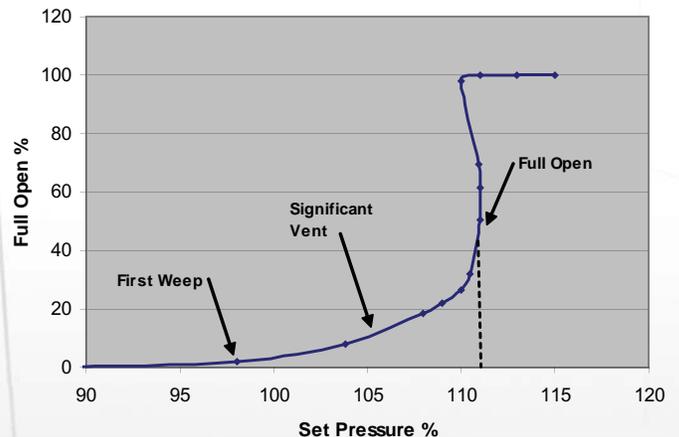
<b>Working Pressure:</b>	Hydraulic oil up to 5500 psi (380 bar)
<b>Proof Pressure:</b>	10,000 psi (690 bar)
<b>Pressure Ranges:</b>	500 - 1500 psi (35 - 105 bar) 1500 - 3500 psi (105 - 240 bar) 3500 - 5500 psi (240 - 380 bar)
<b>Flow Rate:</b>	15 GPM (NOMINAL)
<b>Wetted Material:</b>	
Process Fitting:	Heat-treated 410 stainless steel
Internals:	416 stainless steel
Spring:	Powder-coated high strength steel
Ball:	Tungsten Carbide
Housing:	Powder-coated ductile iron
<b>Weight:</b>	2.5 lbs.
<b>Pressure Connection:</b>	3/4" NPTM x 3/4" NPTF
<b>Temperature Range:</b>	-40° to +200°F (-40° to +93°C)
<b>Pressure Settings:</b>	It is recommended that cracking pressure be set 10% above working pressure.
<b>Pressure Setpoint Adjustment:</b>	Loosen hex nut with open-end wrench. Using allen key turn adjustment screw clockwise to increase, counterclockwise to decrease set point.

\* See product configurator for additional options.

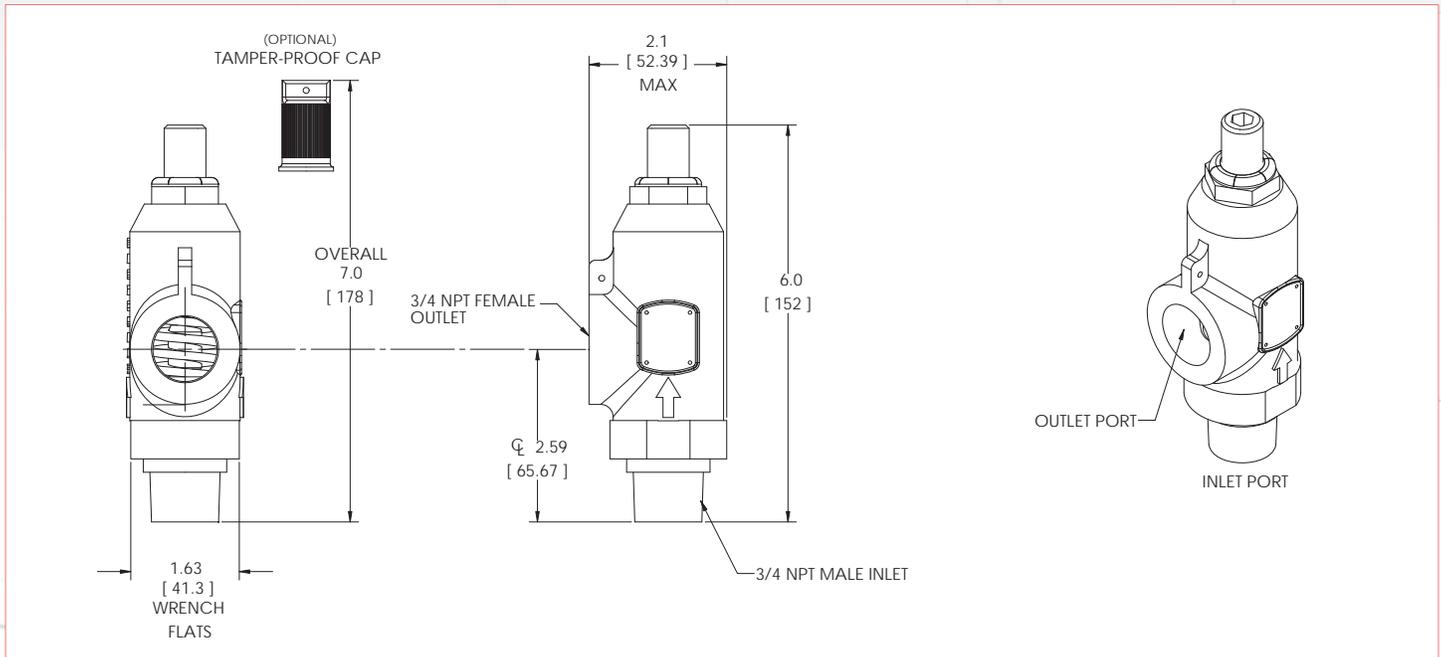
Flow Rate at 10% above Cracking Pressure



Typical 8014 Lift Characteristics



## Technical Drawings



## Product Configurator

Example: 

	801	4	-3	-33	
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### Prefix

T Tamper-proof cap (optional)

### Base Model

801 Inlet male - outlet Female Porting

### Port Size

4 3/4" NPT ports

### Pressure Range

	Adjustable Range		Approx. Blowdown	Proof Pressure
	psi (bar)			
	Min.	Max.	psi (bar)	psi (bar)
-2	500 (35)	1500 (105)	200 (15)	10,000 (690)
-3	1500 (105)	3500 (240)	400 (28)	10,000 (690)
-4	3500 (240)	5500 (380)	600 (42)	10,000 (690)

### Housing Option

Blank	Corrosion Resistant Ductile Iron (standard)
SS	Stainless Steel

### Factory Set Point

Blank	Field Adjustable
-XX	Insert desired set point in 00's (ex. 3300 psi = -33 700 psi = -07)