

## P3NR Hi-Flow Pilot Operated Regulators

- Port blocks (PB) available to provide 1-1/2" port extension to 1" ported bodies
- Self relieving feature plus balanced poppet provides quick response and accurate pressure regulation
- Solid control piston for extended life
- 3/4", 1", & 1-1/2" ports (NPT & BSPP)



### Operating information

Pressure rating, maximum:	250 PSIG (17.2 bar)
Temperature rating:	32°F to 175°F (0°C to 80°C)
Flow capacity SCFM:	3/4"; 300 1"; 300 1-1/2"; 350

### P3NR Hi-Flow Pilot Operated Regulators

	Port size	Gauge	Part number (NPT), relieving
P3NR	3/4"	No	<b>P3NRA96BPP</b>
	1"	No	<b>P3NRA98BPP</b>
	1-1/2"	No	<b>P3NRA9PBPP</b>
	3/4"	160 PSI	<b>P3NRA96BPG</b>
	1"	160 PSI	<b>P3NRA98BPG</b>
	1-1/2"	160 PSI	<b>P3NRA9PBPG</b>



**Note:** BSPP ported units supplied using NPT ported bodies and BSPP port block kits.

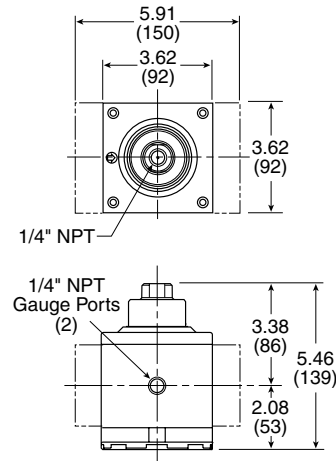
### Material specifications

Adjusting stem	Steel
Body	Aluminum
Bonnet	Aluminum
Piston	Plastic
Poppet assembly	Brass
Seals	Nitrile
Springs – poppet	Steel

### Service kits

Gauges – 50mm (2") round 1/4" center back mount	60 PSIG (0 to 4.1 bar)	<b>K4520N14060</b>
	160 PSIG (0 to 11.0 bar)	<b>K4520N14160</b>
	300 PSIG (0 to 20.0 bar)	<b>K4520N14300</b>
44mm (1-3/4") digital round 1/4" center back mount	0-160 PSIG / 0-11 bar / 0-1.1 MPa	<b>K4517N14160D</b>
Mounting bracket kit		<b>P3NKA00MW</b>
Repair kits	Relieving	<b>P3NKA00PD</b>

### P3NR (Hi-Flow)



#### **WARNING**

Product rupture can cause serious injury.  
 Do not connect regulator to bottled gas.  
 Do not exceed maximum primary pressure rating.

#### **CAUTION: REGULATOR PRESSURE ADJUSTMENT –**

The working range of knob adjustment is designed to permit outlet pressures within their full range. Pressure adjustment beyond this range is also possible because the knob is not a limiting device. This is a common characteristic of most industrial regulators, and limiting devices may be obtained only by special design. For best performance, regulated pressure should always be set by increasing the pressure up to the desired setting.

Most popular.

