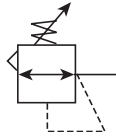


## P3NR Regulators – Hi-Flow

- 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)



Port Size	Description	Part Number
3/4"	Without Gauge	<b>P3NRA96BNN</b>
3/4"	With 160 Psi Gauge	<b>P3NRA96BNG</b>
1"	Without Gauge	<b>P3NRA98BNN</b>
1"	With 160 Psi Gauge	<b>P3NRA98BNG</b>
1-1/2" #	Without Gauge	<b>P3NRA9PBNN</b>
1-1/2" #	With 160 Psi Gauge	<b>P3NRA9PBNG</b>

# 1" port body with 1-1/2" port block.  
NOTE: 2.0 Dia. (51 mm) hole required for panel mounting.

### Operating information

Supply pressure (max):	250 psig (17.2 bar)
Operating temperature:	32°F to 175°F (0°C to 80°C)
Flow capacity†:	
High flow	3/4" 200 scfm (94.4 dm³/s, ANR)
	1" 300 scfm (141.6 dm³/s, ANR)
	1-1/2" 300 scfm (141.6 dm³/s, ANR)
Gauge ports (2):	1/4 inch (can be used as additional full flow 1/4 inch outlet ports)
Weight:	3/4", 1" 4.2 lb (1.9 kg)
	1-1/2" # 5.3 lb (2.4 kg)

† scfm = Standard cubic feet per minute at 100 psig inlet, 90 psig no flow secondary setting and 10 psig pressure drop.

# 1" port body with 1-1/2" port block

### Ordering Information:

<b>P3N</b>	<b>R</b>	<b>A</b>	<b>9</b>	<b>8</b>	<b>B</b>	<b>N</b>	<b>N</b>
<b>Engineering Level</b> Current <b>A</b>		<b>Port Type</b> G Thread (BSPP) Female <b>1*</b> NPT Female <b>9</b>		<b>Port Size</b> 3/4" (w/o port blocks) <b>6</b> 1" (w/o port blocks) <b>8</b> 1-1/2" Port Blocks (w/ 1" ported body) <b>P</b>		<b>Pressure Gauge</b> Without Gauge <b>N</b> 125 psi (0 to 8 bar) <b>H</b> 250 psi (0 to 17 bar) With Gauge <b>G</b> 125 psi (0 to 8 bar) <b>J</b> 250 psi (0 to 17 bar)	
		* 3/4 & 1 inch meets ISO 1179-1 standard.		<b>Adjustment</b> <b>N</b> Non-Rising Knob		<b>Relief</b> <b>B</b> Relieving	

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

Most popular.



For inventory, lead times, and kit

K32

Parker Hannifin Corporation  
Pneumatic Division

## HI-FLOW Regulators

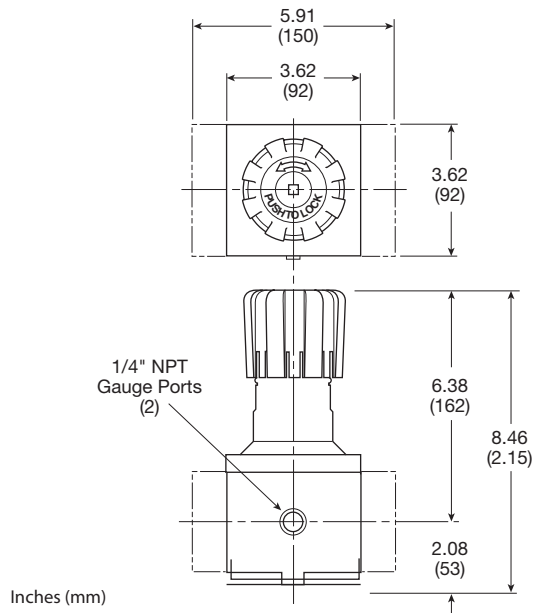
### Material Specifications

Adjusting stem	Steel
Body	Aluminum
Bonnet	Aluminum
Knob	Plastic
Piston	Plastic
Poppet assembly	Brass
Seals	Nitrile
Springs, poppet & control	Steel

### Repair and Service Kits

Control knob	<b>P3NKA00PN</b>
2" dial face 60 psig (0 to 4.1 bar), gauge	<b>K4520N14060</b>
2" dial face 160 psig (0 to 11.0 bar), gauge	<b>K4520N14160</b>
2" dial face 300 psig (0 to 20.7 bar), gauge	<b>K4520N14300</b>
1-3/4" digital round face 160 psig (0 to 11.0 bar), gauge	<b>K4517N14160D</b>
Mounting bracket kit*	<b>P3NKA00MW</b>
Relieving	<b>P3NKA00RR</b>
Non-relieving	<b>P3NKA00RN</b>
1-60 psig spring	<b>C10A1304</b>
2-125 psig spring	<b>C10A1308</b>
5-250 psig spring	<b>C10A1317</b>

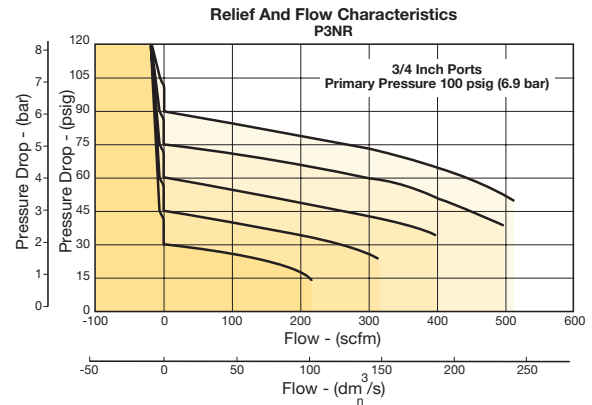
\* If 1-1/2 BSPP E02 fittings are required, use P3NKA00BMW.



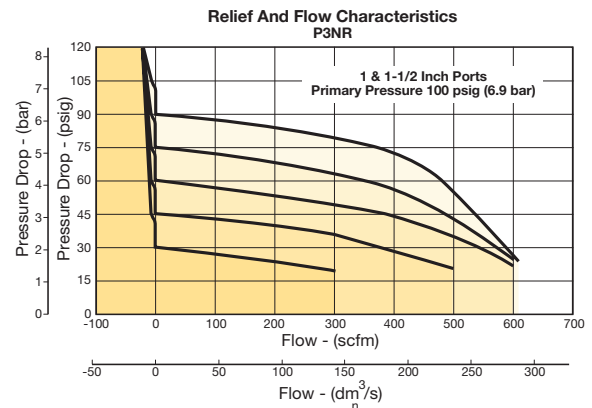
## Regulator Products

### Flow Charts

#### 3/4" Regulator



#### 1" & 1-1/2" Regulator



### 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.

General

Dial

Pilot

Proportional

Precision

Water

K

Regulator  
Products



For inventory, lead times, and kit

K33

Parker Hannifin Corporation  
Pneumatic Division