

Engineered for Precision Control in High Pressure Applications

Fairchild's new HPD High Pressure Precision Regulator is specifically engineered for applications requiring a high supply pressure and a relatively low output pressure. The HPD is constructed of 316 Stainless Steel to hold up to high pressures and harsh environments. The HPD is also designed for applications involving liquids.

Contact your local Fairchild distributor or call Fairchild's Application support team at (800) 334-8422 today to discuss the HPD and our complete lineup of precise, reliable process and instrumentation control products.

NEW Model HPD High Pressure Precision Regulator



The HPD is Fairchild's new high pressure regulator that can handle up to 6000 psig supply pressure and reduce that pressure from 0 to 500 PSI. The HPD is constructed of 316 stainless steel, inconel diaphragm and this makes it ideal for gas or liquid service. With its rugged design and materials of construction the unit is corrosion resistant and can withstand the harshest environments. This high pressure unit comes in four different output ranges and two different port arrangements. Put the HPD to use in your high pressure application for reliable and worry free service.

Offered by:

O'Keefe Controls Co.



Specialists in Valves, Controls, Pneumatics, Fluid Measurement

Model HPD High Pressure Regulator

Specifications

Supply Valve Cv 0.06

Exhaust Valve Cv 0.02

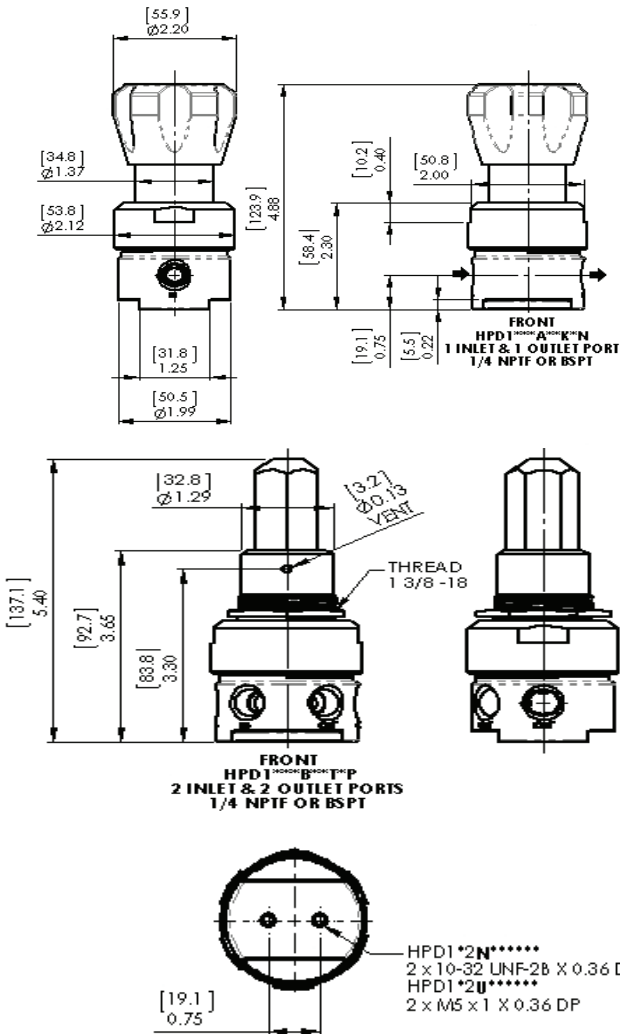
Maximum Supply Pressure
6000 psig, [414 BAR], (41400 kPa)

*Consult seat material chart for maximum pressure

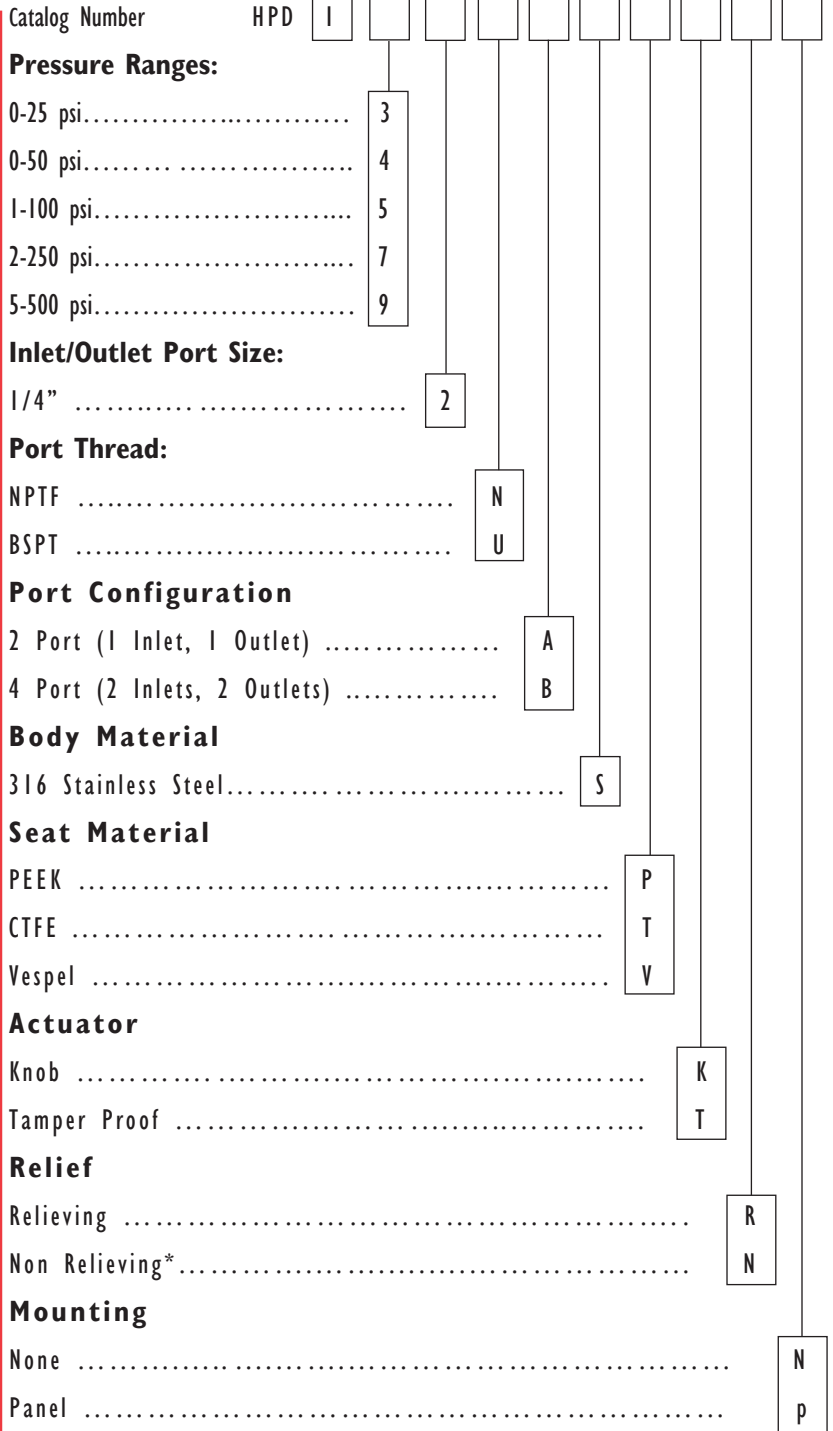
Supply Pressure Effect
0.6 psig change for 100 psig change in supply pressure

Ambient Temperature
-40°F to +500°F, (-40°C to 260°C)
*Consult seat material chart for maximum temperature

Materials of Construction
Body and Housing.....Alloy 316L Stainless Steel
Valve.....316L Stainless Steel
Diaphragm.....Alloy X-750 Inconel



Ordering Information



*Bubble Tight Shutoff in Most Conditions

SEAT MATERIAL	MAXIMUM TEMPERATURE*	@	MAXIMUM INLET PRESSURE
CTFE	175°F (80°C)	@	3500 PSIG (241 BAR)
PEEK	500°F (260°C)	@	3500 PSIG (241 BAR)
PEEK	175°F (80°C)	@	6000 PSIG (414 BAR)
VESPEL	500°F (260°C)	@	3500 PSIG (241 BAR)
VESPEL	175°F (80°C)	@	6000 PSIG (414 BAR)

*Temperatures in excess of 175°F (80°C) require a tamper-proof option