

L500 Series

Low Pressure Relief Valve 0.2–15 psig



Features

Accurate cracking pressure

Eliminates sticking

In-line or vent to atmosphere with deflector cap

Adjustable cracking pressure

Zero leakage

Optional factory preset

Technical Data

Body Construction Materials	Brass, 316 stainless steel
O-ring Materials	Buna N, ethylene propylene, Kalrez®, neoprene, silicone, Viton®
Spring Materials	302 stainless steel
Cracking Pressure	.2 psig to 15 psig
Operating Pressure	0 to 25 psig (1.72 BAR)
Inline Valve Proof Pressure	37.5 psig (2.59 BAR)
Inline Valve Burst Pressure	Above 100 psig (6.89 BAR)
Temperature Range	-70° F to +550° F (-57° C to +288° C)
Connection Sizes	¼" to ½"
Orifice Size	0.281"

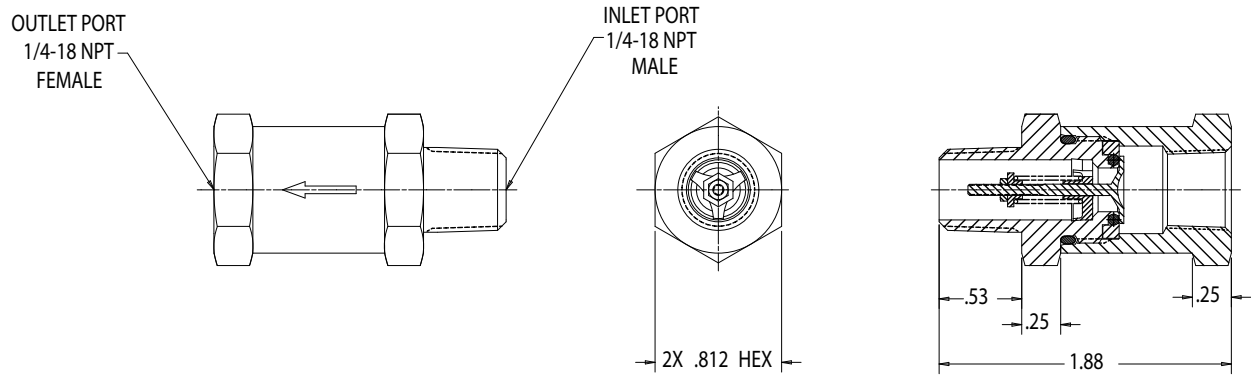
relief valves

Circle Seal Controls

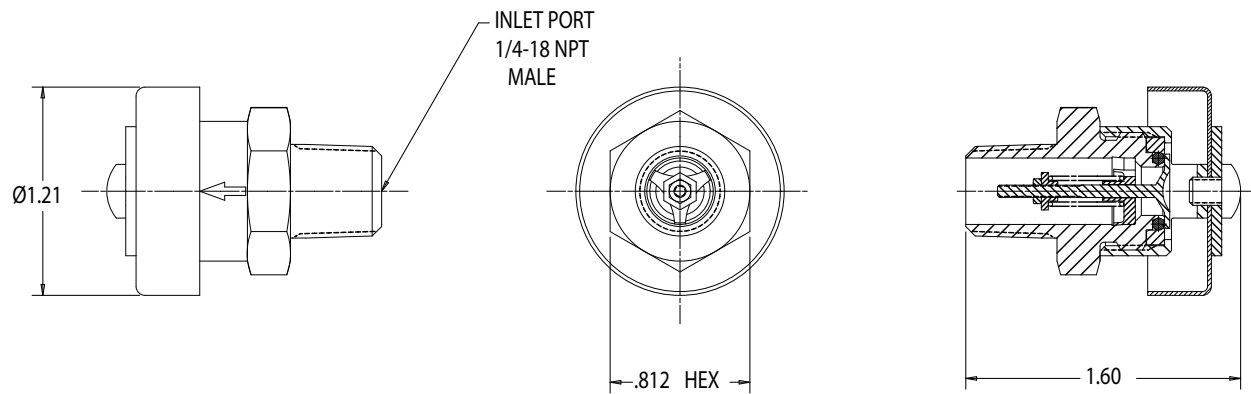
2301 Wardlow Circle, Corona, CA 92880
 Phone (951) 270-6200 Fax (951) 270-6201
 www.circle-seal.com

L500 Series

Dimensions



In-Line



Popoff - Vent to Atmosphere

How to Order

D L5 33 B - 2M - 5

VARIATION*

D Deflector cap

SEAT MATERIAL & TEMPERATURE RANGE

- 24 Silicone, -70° F to +450° F (-57°C to +232°C)
- 32 Viton®, -20° F to +400° F (-29°C to +204°C)
- 33 Neoprene, -40° F to +300° F (-40°C to +149°C)
- 62 Ethylene propylene, -65° F to +300° F (-54°C to +149°C)
- 65 Kalrez®, -40° F to +550° F (-40°C to +288°C)
- 77 Buna N, -65° F to +275° F (-54°C to +135°C)

* blank if not required

CRACKING PRESSURE

Specify cracking pressure setting in psig (i.e. 5 = 5 psig set)

INLET/OUTLET PORTS

- 2M 1/4" pipe thread male (popoff)
- 2MP 1/4" pipe thread male/female (in-line)
- 3M 3/8" pipe thread male (popoff)
- 3MP 3/8" pipe thread male/female (in-line)
- 4MP 1/2" pipe thread male/female (in-line)

BODY MATERIAL

- B Brass
- T1 316 stainless steel