

High Pressure Line Valves

Panel Mount and Line Applications

HARRISON
PRECISION VALVE PRODUCTS

KEY FEATURES:

- Durable chrome plated brass body resists corrosion.
- Compact design especially suited for use on compressor panels and cascade systems.
- Very low torque operation under all pressures.
- Dependable packed seal design using common valve parts readily available.
- Wide variety of use; Panel Mount, Line Valve, and Line Valve with Bleed for use with filling pigtails.
- Easy to read markings; Open/Close, 6000PSI, Line Direction Arrows.
- 100% Factory tested with nitrogen at full working pressure.

SPECIFICATIONS:

Pressures:

6000PSI Service Pressure, 24,000PSI Test Pressure

Temperature – Storage

Minimum: -65 F

Maximum: 155 F

Temperature – Operating

Minimum: -50 F

Maximum: 120 F

Cycle Tested

Minimum: 5000 Cycles, full pressure Nitrogen

Operating Torque @ 0 PSIG Inlet Pressure 1 – 2 in. lb.

Closing Torque @ 2000 PSIG Inlet Pressure 2 – 3 in. lbs.

FLOW DATA:

Flow Constant: Cv – Full Open .284

Flow CFM @ 2000 PSIG Inlet 280

DIMENSIONS:

Overall Length: 2.50

Overall Length Installed Inline 2.11

Centerline of inlet to top of handle 2.70



Figure #1

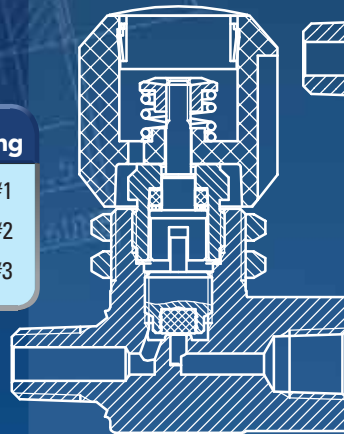


Figure #2

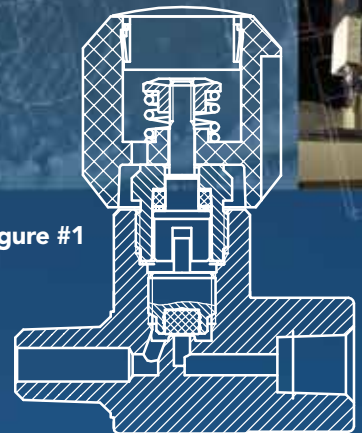


Figure #3

Part Number	Description	Inlet	Outlet	Drawing
HLV-1	Line valve	¼" F.NPT	¼" M.NPT	Figure #1
HLV-2	Line valve with panel feature	¼" F.NPT	¼" M.NPT	Figure #2
HLV-3	Line valve with bleed feature	¼" F.NPT	¼" F.NPT	Figure #3

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www.HarrisonValve.com