

### Specifications:

Max pressure: +25 Bar

Operating flow range: 0 l/m - 40 l/m

One-way valve: Opens at 20 mbar

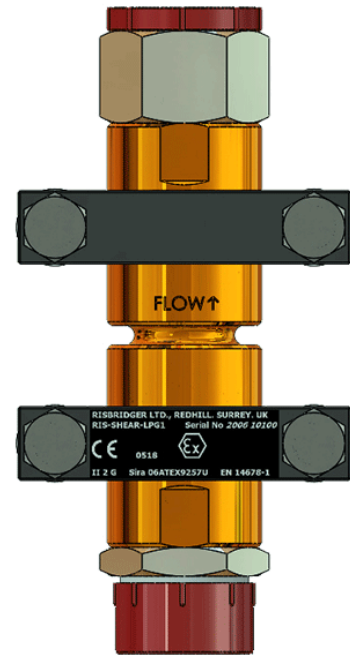
### Break forces: \*

Bending Moment - 420 Nm

\* If upper and lower halves rigidly mounted

### Operating temperature range:

-20 to +40° C



### RIS-SHEAR-LPG1

with 1" NPT M X F end fittings

RIS-SHEAR-LPG075 with 3/4" end fittings

**RIS-SHEAR-LPG1 shear valves prevent leakage of pressurised product onto the forecourt when the dispenser is knocked over or impacted.**

- Full flow low pressure drop design
- Avoids partial break interference and leak condition with displaced ball design
- Seals upstream and downstream on impact
- Consistent 420 Nm bending moment break
- 25 Bar pressure rating with 12:1 Safety factor
- Includes brackets, bolts and instructions
- Non-spark brass construction, nitrile seals
- Optional end fittings and mounting kits available - including isolator valves

SIRA Certified to ATEX and EN 14678-1 II 2 G

Patented design (UK: GB2342709, US: 6,802,332, EU: EP1,222,423,B1)

### Materials:

Nitrile  
Stainless Steel  
Anodised aluminium clamps  
Brass

### Suitable for:

Liquid Petroleum Gas product lines (LPG, GPL, LP Gas, Autogas)

### Fittings:

1" NPT female / male  
1" BSP female / male

### Document Ref:

DATA-RIS-SHEAR-LPG1-I60811

### Installation Instructions

INS-RIS-SHEAR-LPG