

ESR-2 Relief Valve



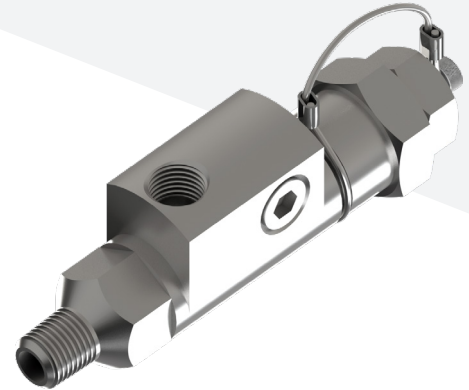
The ESR-2 Relief Valve is a vital safety component designed to safeguard systems from overpressurization.

FEATURES

- Stainless steel construction
- Externally adjustable
- Locking mechanism
- Soft and hard seal available
- Repairable poppet
- Inline and external relief capability
- Differential pressure (Optional)

BENEFITS

- Durable design to withstand corrosive environment
- Easy adjustment and access
- Lock setting with ease
- For low and high pressure application
- Easy maintenance
- Reduce operating pressure safely



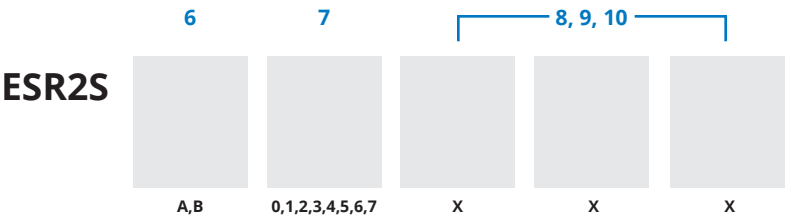
SPECIFICATIONS

ESR-2 Relief Valve

ESR-2

Application	Gas, Light Liquid, Light Crude Oil, Heavy Crude Oil
Materials of Construction	316/316L Stainless Steel
Seal Material	Elastomer
	Plastic
Operating Temperature	-50 °F to 392 °F (-45 °C to 200 °C)
Maximum Inlet Pressure	1500 psig (103.42 barg)
Maximum Sense Pressure	1500 psig (103.42 barg)
Inlet Connection	¼" MNPT
Outlet Connection	¼" FNPT
Sense Connection	¼" FNPT
Pressure Control Range	10–75 psig (.68–5.17 barg)
	75–150 psig (5.17–10.34 barg)
	150–350 psig (10.34–24.13 barg)
	350–750 psig (24.13–51.71 barg)
	750–1250 psig (51.71–86.18 barg)
	5–35 psig (.34–2.41 barg) (Differential Pressure)
	10–100 psig (.68–6.89 barg) (Differential Pressure)
	100–300 psig (6.89–20.68 barg) (Differential Pressure)

STANDARD CODE TREE OPTIONS
ESR-2 Relief Valve



6 Differential Pressure

A: No
B: Yes

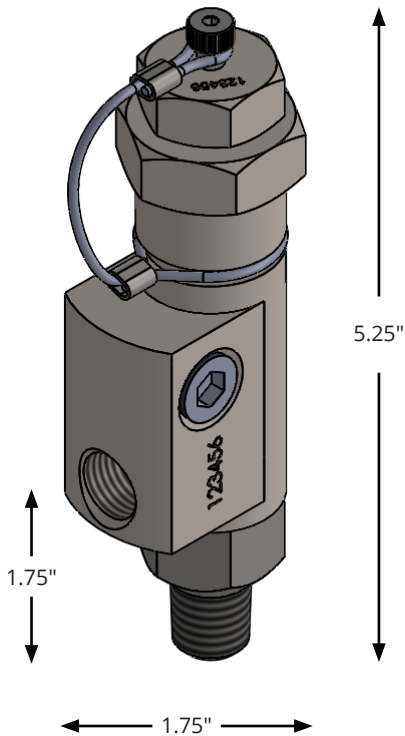
7 Set Pressure Range

0: 10–75 psig (.68–5.17 barg)
1: 75–150 psig (5.17–10.34 barg)
2: 150–350 psig (10.34–24.13 barg)
3: 350–750 psig (24.13–51.71 barg)
4: 750–1250 psig (51.71–86.18 barg)
5: 5–35 psig (.34–2.41 barg) (Differential Pressure)
6: 10–100 psig (.68–6.89 barg) (Differential Pressure)
7: 100–300 psig (6.89–20.68 barg) (Differential Pressure)

8,9,10 Set Pressure

XXX: Example: 25 psig = 025
100 psig = 100

PRODUCT DIMENSIONS
ESR-2 Relief Valve



Weight: 1 lb

Weight and/or dimensions are approximate.
Specifications subject to change without notice.

