

Model A-19075-F-SS

Smart-Flow™ Pressure Relief Valve



Smart-Flow™
PRESSURE RELIEF VALVE

Features and Benefits

- Low-profile design keeps valve below manhole height
- Small flange face increases space for other valves
- Optimized flow designed to last 17% longer than the average PRV and discharge twice the amount of crude oil after 2 hours
- Nickel coated threads on the upper body to prevent galling

Technical Specifications

- Start-To-Discharge Pressure: 75 PSIG +/- 3 PSIG
- Material of Construction: Stainless Steel
- Flow-Rating: 10,730 SCFM
- Weight: 33 lbs
- Flow rating designed to support TC/DOT-117 car designs
- Mounting configuration per AAR M-1002, Figure E21A
- 6-1/4" bolt circle, flange-mount, flat-face
- Alternate 10-1/4" bolt flange circle available in flat-face and tongue and groove
- 17-4 and 304 stainless steel components
- Ideal for crude and ethanol applications
- AAR Approval No. PRD152003 (approved for service trial with more than 2,000 valves in service)

Notes

- Viton® O-rings standard; alternate O-ring materials available
- For more information refer to the "A-19075 Series Installation, Operation, & Maintenance (IOM) Manual"

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Item	Qty	Part Name	Material	Part No.
1	1	Body	Stainless Steel	19075-41-SS
2	1	Stem	Stainless Steel	19075-2-SS
3	1	Retainer	Stainless Steel	19075-3-SS
4	1	Wire Seal Kit	Lead	22-72-PB
5	1	Spring	Stainless Steel	19075-5-SS
6	1	Follower	Stainless Steel	19075-6-SS
7	1	Thin Nylon Insert Locknut	Stainless Steel	22039-9-SS
8	1	Locking Ring	Stainless Steel	19075-8-SS
9	1	Locking Ring	Stainless Steel	19075-13-SS
10	1	O-Ring. 2-432	Viton® B	19075-10-VB*
11	1	O-Ring. 2-236	Viton® B	19075-11-VB*
12	1	Name Plate	Stainless Steel	19075-120-SS
13	2	Drive Screw	Stainless Steel	763-11-SS
14	2	Bolt	Stainless Steel	19075-7-SS
15	1	Weather Cap	Low-Density Polyethylene	19075-9-PE

