

## Model A-19075-F-SS-S01

Smart-Flow™ Pressure Relief Valve

August 4, 2017

(Rev 4.1)



### TECHNICAL SPECIFICATIONS

- Start-To-Discharge Pressure: 75 PSIG +/- 3 PSIG
- Material of Construction: Stainless Steel
- Flow Rating: 10,730 SCFM
- Flow Rating Pressure: 85 psig (maximum)
- Vapor-Tight Pressure: 60 psig (minimum)
- Weight: 49 lbs
- Flow rating designed to support TC/DOT-117 car designs
- Mounting Configuration per AAR M-1002, Figure E21A
- 10-1/4" bolt circle, flange-mount, flat face
- 17-4 and 304 stainless steel components
- AAR Approval No. PRD152003 (approved for service trial)

### Note

- Viton® O-rings standard; alternate O-ring materials available

**Smart-Flow**  
PRESSURE RELIEF VALVE

ITEM	QTY	PART NAME	MATERIAL	PART NO.
1	1	BODY	STAINLESS STEEL	19075-44-SS
2	1	STEM	STAINLESS STEEL	19075-2-SS
3	1	RETAINER	STAINLESS STEEL	19075-3-SS
4	1	SPRING	STAINLESS STEEL	19075-5-SS
5	1	FOLLOWER	STAINLESS STEEL	19075-6-SS
6	1	THIN NYLON INSERT LOCKNUT	STAINLESS STEEL	311-4-SS
7	1	LOCKING RING	STAINLESS STEEL	19075-8-SS
8	1	LOCKING RING	STAINLESS STEEL	19075-13-SS
9	1	O-RING, 2-342	VITON B	19075-10-VB*
10	1	O-RING, 2-236	VITON B	19075-11-VB*
11	1	NAME PLATE	STAINLESS STEEL	19075-123-SS
12	2	DRIVE SCREW	STAINLESS STEEL	763-11-SS
13	2	WIRE SEAL KIT	LEAD	22-7-PB
14	2	BOLT	STAINLESS STEEL	19075-7-SS
15	1	WEATHER CAP	LOW DENSITY POLYETHYLENE	19075-9-PE

NOTE: (\*) - ALTERNATE MATERIALS ARE AVAILABLE

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