Model A-19075-SS

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: 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, tongue and groove
• 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
ITEM QTY PART NAME MATERIAL PART NO.
1 1 BODY STAINLESS STEEL 19075-42-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 22039-9-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 19075-122-SS
12 2 DRIVE SCREW STAINLESS STEEL 763-11-SS
13 1 WIRE SEAL KIT LEAD 22-72-PB
14 2 BOLT STAINLESS STEEL 19075-7-SS
15 1 WEATHER CAP LOW DENSITY POLYETHYLENE 19075-9-PE

NOTE: (*) - ALTERNATE MATERIALS ARE AVAILABLE