

Model A-1076-SS-S01

Pressure Relief Valve

March 31, 2015



TECHNICAL SPECIFICATIONS

- Start-to-Discharge Pressure: 75 psig +/- 3 psig
- Vapor-Tight Pressure: 68 psig
- Certified Capacity at Flow Rating Pressure: 965 scfm
- Flow Rating Pressure: 85 psig
- Effective Orifice Area: 0.687 in²
- Discharge Coefficient (Kd): 0.77
- Max. Operating Temperature: 446°F (230°C);
NOTE: For Chemraz® 505 O-rings
- Min. Operating Temperature: -26°F (-32°C);
NOTE: For Chemraz® 505 O-rings
- Mounting Studs: 3/4" – 10 UNC
- Top Guide Mounting Stud Torque: 22 ft-lb
- Stem/Retainer Locknut Torque: 90 ft-lbs
- Stem Adjusting Nut/Locknut Torque: 90 ft-lbs
- Mounting Flange: 6 in² x 1" thick;
Four (4) Ø7/8" holes on Ø6-1/4 B.C.

- Valve Weight: 16.2 lb
- Mounting Configuration:
O.D.: 4.745 +/-0.003
I.D.: 4.005 +/-0.003
- AAR Approval #: PRD112008A

Notes

- Alternate O-ring materials available



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ITEM	QTY	PART NAME	PART NUMBER	MATERIAL
1	1	TOP GUIDE	10-32-SS	STAINLESS STEEL
2	1	STEM	10-27-SS	STAINLESS STEEL
3	1	RETAINER	10-3-SS	STAINLESS STEEL
4	1	SAFETY VALVE BODY	10-47-SS	STAINLESS STEEL
5	1	SPRING	10-79-SS	STAINLESS STEEL
6	1	FOLLOWER	10-6-SS	STAINLESS STEEL
7	1	SPRING GUIDE TUBE	10-7-SS	STAINLESS STEEL
8	1	TOP LOCK NUT	10-8-SS	STAINLESS STEEL
9	1	WASHER	10-9-NE	NEOPRENE
10	1	SEAT O-RING	10-10-CZ-505	CHEMRAZ 505*
11	1	STEM O-RING	10-11-CZ-505	CHEMRAZ 505*
12	1	ADJUSTMENT NUT	10-12-SS	STAINLESS STEEL
13	1	LOCK NUT	10-13-SS	STAINLESS STEEL
14	2	STANDOFF	10-28-SS	STAINLESS STEEL
15	2	LOCK NUT	10-29-SS	STAINLESS STEEL
16	3	WIRE SEAL KIT	22-72-PB	STAINLESS STEEL/LEAD
17	1	GASKET	10-17-TF	PTFE
18	1	NAME PLATE	12-78-SS	STAINLESS STEEL
19	2	DRIVE SCREW	763-11-SS	STAINLESS STEEL
20	1	FLUE	10-244-SS	STAINLESS STEEL
21	1	CAP AND 8" CHAIN ASSEMBLY	14-312-PE-SS	POLYETHYLENE/ STAINLESS STEEL
22	1	SUPPLEMENTAL NAMEPLATE	12-7904-SS	STAINLESS STEEL

* ALTERNATE MATERIAL AVAILABLE

NOTE: A-1076 MODEL WITHOUT THE PROTECTIVE FLUE AND CAP ASSEMBLY IS AVAILABLE UPON

