

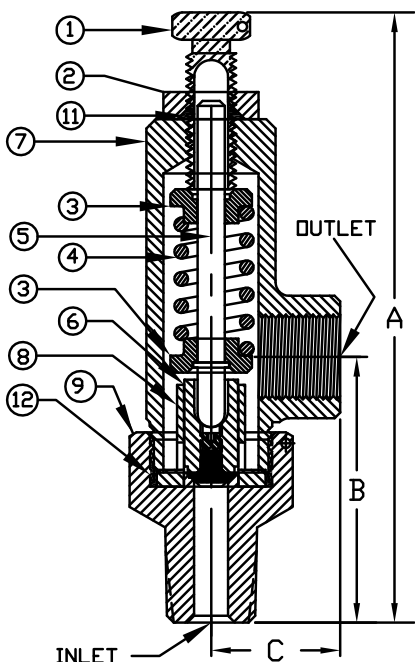


SAFETY-RELIEF VALVE

MODEL 3800

(SERIES 380, 382, & 383)

FOR AIR & GAS SERVICE
AT 10% OVERPRESSURE



WEIGHT APPROX. 1-1/2"

DIMENSIONS

A±1/8	B±1/8	C(HEX)	INLET CONNECTIONS
5-5/8	2-1/2	1-3/16	1/4,3/8,1/2,3/4 MNPT MS33649-8 1/2 FNPT & 9/16 AMINCO
5-1/4	2-1/8	1-3/16	1/8,1/4,3/8 FNPT MS33649-4,6 1/4,3/8 AMINCO MS33656-4,6,8
6-5/8	3-1/2	1-3/16	1/2 SOCKET WELD

THREAD CONNECTIONS

ORIFICE SIZE	INLET	OUTLET
.156 & .250	1/4,3/8,1/2,3/4 MNPT	1/8,1/4,3/8,1/2 FNPT
	1/8,1/4,3/8,1/2 FNPT	MS33649-4,6,8
	MS33649-4,6,8	MS33656-4,6,8
	MS33656-4,6,8	1/4 AMINCO
	1/4,3/8 HP AMINCO	
	SOCKET WELD, AUTOCLAVE	
.312	3/8,1/2 MNPT	3/8,1/2 FNPT
	1/4,3/8,1/2 FNPT	MS33649-6,8
	MS33649-6,8	MS33656-6,8
	MS33656-6,8	

*SEE PAGE 49 & 50 FOR CAPACITY CHARTS

SERIES NO. §	ORIFICE SIZE	SEAT MATERIAL	MAX. SET PRESSURE
380	.156	PLASTIC ONLY	10,000
382	.250	PLASTIC ONLY	4,250
** 383	.312	PLASTIC ONLY	3,000

§ SEE PAGE 91 & 92 FOR PART NUMBERING SYSTEM.

** "O" RING DESIGN IS AVAILABLE UP TO 1,000 PSIG.

SUGGESTED SEAT MATERIAL

SET PRESSURE	SEAT MATERIAL
50 - 3,000	TEFLON ¶
3,000 - 5,000	KEL-F ¶
5,000 - 10,000	VESPEL ¶

¶ TEMPERATURE RANGE: TEFLON : -450°F TO 500°F

KEL-F : -400°F TO 400°F

VESPEL : -420°F TO 500°F

£ OTHER SPRING MATERIALS AVAILABLE UPON REQUEST.

(HIGH PRESSURE SPRINGS ARE MADE OF 17-7 PH)

ITEM NO.	PART NAME	303 S/S MATERIAL CLASS	316 S/S MATERIAL CLASS	CARBON STEEL MATERIAL CLASS
1	PRESSURE SCREW	ASTM A582,TYPE 303	ASTM A479,TYPE 316	ASTM A582,TYPE 303
2	LOCKNUT	ASTM A582,TYPE 303	ASTM A479,TYPE 316	ASTM A582,TYPE 303
3	SPRING PLATES (2)	ASTM A582,TYPE 303	ASTM A479,TYPE 316	ASTM A582,TYPE 303
£ 4	SPRING	ASTM A313,TYPE 316	ASTM A313,TYPE 316	ASTM A313,TYPE 316
5	SPRING POST	ASTM A582,TYPE 303	ASTM A479,TYPE 316	ASTM A582,TYPE 303
6	DISC ASSEMBLY	ASTM A582,TYPE 303	ASTM A479,TYPE 316	ASTM A582,TYPE 303
7	BONNET	ASTM A473	ASTM A182	ASTM A105
8	DISC GUIDE	ASTM A582,TYPE 303	ASTM A479,TYPE 316	ASTM A582,TYPE 303
9	BODY	ASTM A582,TYPE 303	ASTM A479,TYPE 316	ASTM A582,TYPE 303
10	SEAL & WIRE	LEAD SEAL:S/S WIRE	LEAD SEAL:S/S WIRE	LEAD SEAL:S/S WIRE
11	LOCKNUT SEAL	TEFLON,BUNA-N,VITON	TEFLON,BUNA-N,VITON	TEFLON,BUNA-N,VITON
12	BODY/BONNET SEAL	TEFLON,BUNA-N,VITON	TEFLON,BUNA-N,VITON	TEFLON,BUNA-N,VITON