



ITEM NO	PART NAME	STANDARD MATERIALS		
		BRASS	CARBON STEEL (NACE)	STAINLESS STEEL (NACE)
1	BODY	SB-61	SA-351 CF8M	SA-351 CF8M
2	SPRING WASHER	ASTM B16	CS/PLATED (316 SS)	A479 316
3	SPRING	302/304/17-7 SS	302/304/17-7SS (INCONEL)	302/304/17-7SS (INCONEL)
4	SPINDLE	ASTM B16	A479 316	A479 316
5	SEAT	ELASTOMER	ELASTOMER	ELASTOMER
6	BUSHING	ASTM B16	SA-479 316	SA-479 316
7	BUSHING SEAL	TEFLON	TEFLON	TEFLON
9	RETAINER	ASTM B16	A479 316	A479 316
9A	RETAINER SCREW	MONEL	304 OR 316 SS	304 OR 316 SS
10	PRESSURE ADJ SCREW	ASTM B16	CS/PLATED (316 SS)	316 SS
11	LOCK NUT, PA SCREW	STAINLESS STEEL	STAINLESS STEEL	STAINLESS STEEL
12	SEAL, PA SCREW	TEFLON	TEFLON	TEFLON
13	CAP, PA SCREW	ASTM B16	316 SS	316 SS
14	BLOWDOWN RING	ASTM B16	316 SS	316 SS
15	LOCK SCREW, BD	MONEL	316 SS	316 SS
16	SEAL, BD SCREW	TEFLON	TEFLON	TEFLON
17	LOCK NUT, BD SCREW	STAINLESS STEEL	STAINLESS STEEL	STAINLESS STEEL
18	LOCKWIRE	STAINLESS STEEL	STAINLESS STEEL	STAINLESS STEEL
19	SEAL	LEAD	LEAD	LEAD
20	NAMEPLATE	STAINLESS STEEL	STAINLESS STEEL	STAINLESS STEEL
21	DRIVE PINS	STAINLESS STEEL	STAINLESS STEEL	STAINLESS STEEL

CUSTOMER NAME - _____
 CUSTOMER P.O. NO. - _____
 SERIAL NO. - _____
 TAG NO. - _____
 ASSY NO. (See Note) - _____
 SET PRESSURE - _____ psig CAPACITY - _____ scfm
 NOTES - _____

PREPARED BY: _____ DATE: _____
 AUTHORIZED REP: _____

	SIZE	CONNECTIONS		SPECIAL
		FNPT	MNPT	
INLET				
OUTLET	1"	X		

SOFT GOODS		
MATERIAL	SEAT	SEALS
BUNA-N		
VITON		
POLYURETHANE		
KALREZ		
TEFLON		X

ORIFICE SIZE (AREA)	MAX. PRESSURE (psig)	
	BRASS	STEEL
-4 (.065 SQ IN)	3500	4921
-6 (.149 SQ IN)	2900	2900
-8 (.261 SQ IN)	1125	1125

Notes:

- Determine Assembly No. from F80 Catalog.
- All dimensions are $\pm 1/8"$.
- $\triangle 3$ 1/2"-1" NPT for F85-4; 3/4" or 1" NPT for F85-6, -8.

FLOW SAFE Inc

SUBMITTAL DRAWING, F85
 -4, -6, & -8 ORIFICES (B Body)

DRAWING NO. **F85-468-B**