

MATERIAL: PER B/M
 DRAWN: TFK CHECKED: DEP
 SCALE: NONE DATE: 09/03/97

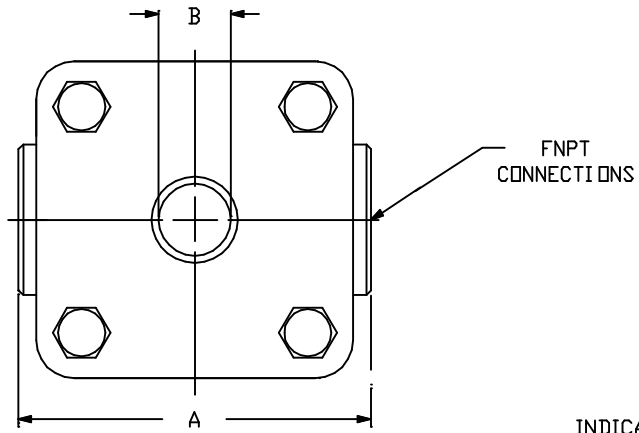


SIGHT FLOW INDICATOR
 S-100HP-1000, S-200HP-1000,
 S-300HP-1000, S-400HP-1000

Section: T400
 Bulletin: T400.18
 Date: 09/01/93
 Supersedes: 12/05/01

1000 PSIG MODELS

FILE NO.: T400-18.DWG



PARTS LIST				
PIECE NO.	NAME OF PART	QUAN.	MATERIAL	COMMENTS
1	BODY	1	SEE BELOW	
2	RETAINER	2	STEEL	
3	CUSHION	2	FIBER	
4	SEAL GASKET	2		
5	WINDOW	2	BOROSILICATE	
6	BOLT	4	STEEL	
7	NUT	4	STEEL	
8	INDICATOR	1		

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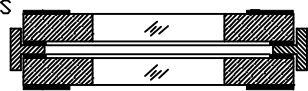
S-100HP-1000 (NF) PLAIN

INDICATOR OPTIONS [®]

* S-400HP-1000 HAS ONLY ONE WINDOW

WINDOW OPTIONS

DUAL UNIGLAS WINDOWS

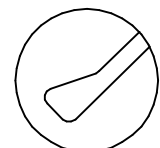
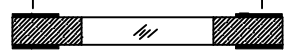


FULL VIEW DUAL WINDOWS

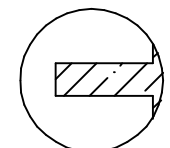


Factory Mutual System Approved

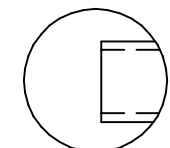
UNIGLAS WINDOW



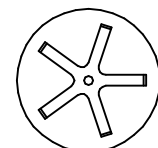
FLAPPER
S-100HP-1000



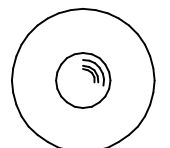
PTFE FLUTTER
S-100HP-FLTR-1000



DRIP TUBE
S-200HP-1000



PTFE ROTOR
S-300HP-1000



BALL *
S-400HP-1000

STANDARD DESIGN MATERIALS:

BODY: ASTM A216-WCB (CARBON STEEL)
 ASTM A351-CF8M (316 SS)

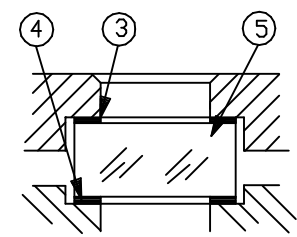
RETAINER: ASTM A516 GR.70 (STEEL)

FASTENERS: SAE GRADE 5 (STEEL)

INDICATOR: 316SS FLAP&DRIP
 : PTFE FLUTTER, ROTOR, BALL

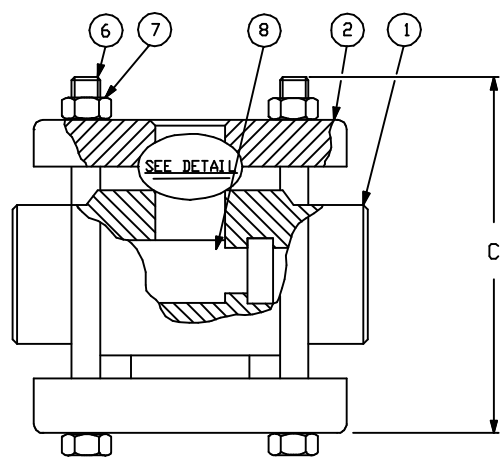
304/316 TRIM AVAILABLE

OPTIONAL ALLOYS FURNISHED UPON REQUEST



TYPICAL DETAIL
1000# UNITS

P/T RATINGS			
TEMP F	1000 PSIG		
	STEEL	316 SS	
-20 TO 100	1000	1000	
150	1000	1000	
200	1000	1000	
250	1000	1000	
300	1000	1000	
350	1000	1000	
400	1000	1000	
450	1000	1000	
500	1000	1000	



PIPE SIZE	DIMENSIONS							
	A		B		C		APPROX. WGT.	
	IN.	mm	IN.	mm	IN.	mm	LBS.	KGS.
1/8 - 3/8	3.75	95	0.75	20	3.75	95	6	2.7
1/2 & 3/4	4.50	114	1.00	25	4.50	114	11	5.0
1	4.88	124	1.25	32	4.75	121	12	5.5
1-1/4&1-1/2	6.00	152	1.50	38	7.00	178	20	9.1
2	7.25	184	2.00	51	8.00	203	40	18.2