

MATERIAL: SEE B/M
 DRAWN: TFK
 CHECKED: DEP
 SCALE: NONE
 DATE: 9/15/95



SAFETY SIGHT WINDOW
 5200 PVQ-DW ASME VIII SERIES
 FM APPROVED DUAL WINDOWS

Section: T400
 Bulletin: T400.57
 Date: 09/01/03
 Supersedes: 12/01/00

150,300,600 PSIG MODELS

FILE NO.: T400-57.DWG

CONSTANT DIMENSIONS					150 LB.		300 LB.		600 LB.	
SIZE	A(IN)	A(mm)	B(IN)	B(mm)	C(IN)	C(mm)	C(IN)	C(mm)	C(IN)	C(mm)
#2	3.88	99	1.25	32	2.99	76	3.50	89	3.25	83
#3	5.00	127	2.00	64	3.31	84	3.57	91	3.57	91
#4	6.50	165	2.56	65	4.34	110	4.58	116	4.59	116
#5	7.50	191	3.19	81	4.34	110	4.84	123	4.84	123
#6	8.25	210	4.19	107	4.10	104	4.84	123	5.85	149
#7	9.38	238	5.25	133	4.78	121	6.03	153	6.28	160
#8	11.00	279	6.75	171	5.03	127	7.53	191	9.03	229
#10	14.00	355	8.00	203	5.28	134	7.78	197	9.28	236
#12	16.75	425	11.00	279	7.09	180	N/A	N/A	N/A	N/A

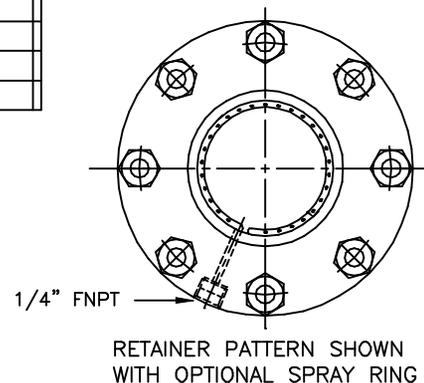
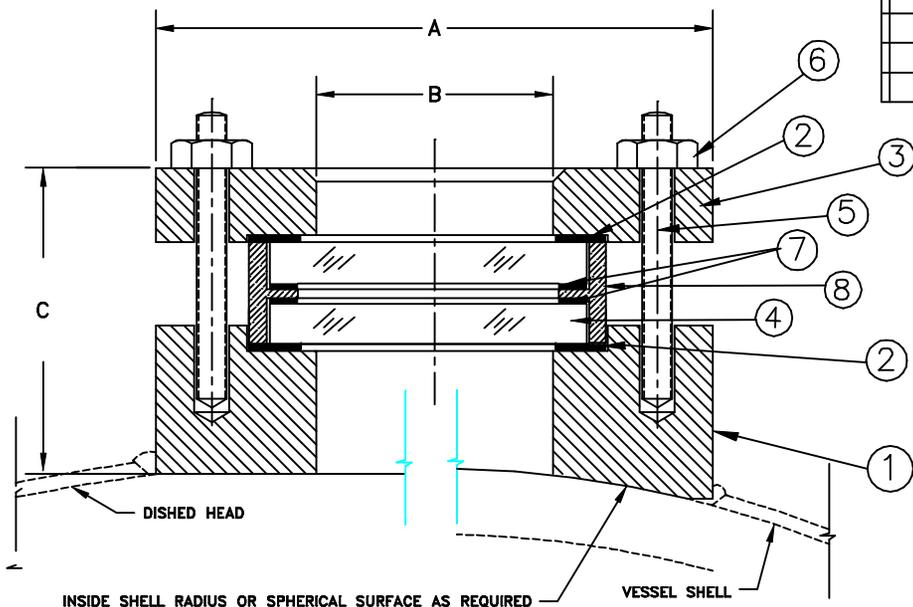
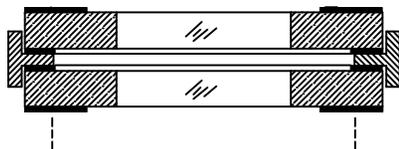
PARTS LIST				
PIECE NO.	NAME OF PART	QUAN.	MATERIAL	COMMENTS
1	BODY	1	SEE BELOW	
2	GASKET	1		
3	RETAINER	1	STEEL	
4	WINDOW	1	BOROSILICATE	
5	STUD		STEEL	
6	NUT		STEEL	
7	CUSHION	1	FIBER	

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NO. OF STUDS	
SIZE	NO.
#2	4
#3	4
#4	8
#5	8
#6	8
#7	8
#8	8
#10	8
#12	12

TEMP F	ALL MATERIALS(Psi)		
	150#	300#	600#
-20 TO 100	150	300	600
150	150	300	600
200	150	300	600
250	150	300	600
300	150	300	600
350	150	300	600
400	150	300	600
450	150	300	600
500	150	300	600

OPTIONS
 DUAL UNIGLAS
 WINDOWS



FULL VIEW DUAL
 WINDOWS



Approved

- MODELS: 5200 PVQ-DW (FLAT PAD)
- MODELS: 5200 PVQ-DW-CYL (PIPE RADIUS)
- MODELS: 5200 PVQ-DW-SPH (DISHED SPHERICAL)

STANDARD DESIGN MATERIALS:
 BODY: ASTM/ASME SECTION II SA516-70/SA216-WCB/SA106 (STEEL)
 ASTM/ASME SECTION II SA240/SA351-CF8/CF8M (304/316 SS)
 RETAINER: ASTM/ASME SECTION II SA516-70/SA216-WCB/SA106 (STEEL)
 FASTENERS: ASTM A-193-B7/A-194-2H
 304/316 SS TRIM AVAILABLE
 OPTIONAL ALLOYS FURNISHED UPON REQUEST
 MIN. PAD THICKNESS "C" IS CALCULATED PER UG-44 FOR BOLTED FLANGE AND STUDDED CONNECTIONS. THE CLIENT IS RESPONSIBLE FOR VERIFICATION THAT THE WELD PAD THICKNESS WILL MEET THE PERFORMANCE REQUIREMENTS OF THE APPLICATION