



**ASME CLASS 150 SERVICE PRESSURE/TEMP. RATINGS**  
 \*Limited to Gasket & Glass Material

Temp. (°F)	Pressure (PSIG)	
	CS	316SS
-20 to 100	285	275
150	270	255
200	260	235
250	245	225
300	230	215
350	215	205
400	200	195
450	185	180
500	170	170

\*Consult Sales for Higher & Lower Temps.

REVISIONS			
Rev.	Modification	Date	Done By
0	Original	6/7/2016	WAS
B	Updated Materials	4/13/2020	NPH
C	Added Weldpad Thickness	12/29/2021	NPH

BILL OF MATERIALS				
* - Denotes an Optional, Non-Standard Material				
No.	Name of Part	Qty.	Material	Max. Temp. (°F)
Wetted	001	1	Carbon Steel	
			316LSS	
	007	1	Neoprene	250
			Soft PTFE	400
			*EPDM	250
			*Viton®	350
			*Graphite	500
009	1	*Non-Asbestos Fiber	500	
		*Buna-N	200	
048	1	*Mica V4		
		*FEP	400	
Non-Wetted	002	1	Tempered Borosilicate	500
			Painted Steel	
	004	4	*316SS	
			Plated Steel	
	008	1	*316SS	
			Non-Asbestos Fiber	
137	4	Black Oxide Coated Steel		
		*316SS		

PRODUCT SPECIFICATIONS										
Flange Size	A		B		C		D		Weight	
	In.	mm.	In.	mm.	In.	mm.	In.	mm.	lbs.	kg.
1	4-1/4	108.0	1-3/8	34.9	2-7/16	61.9	9/16	14.3	4.6	2.09
1-1/2	5	127.0	2	50.8	2-13/16	71.4	11/16	17.5	7.0	3.18
2	6	152.4	2-1/2	63.5	3-1/8	79.4	3/4	19.1	11.2	5.08
3	7-1/2	190.5	3-5/8	92.1	3-5/8	92.1	15/16	23.8	20.2	9.16

**W11 Series Configuration Choices:**

Reference the Series W11 Model Number Matrix on our Website or Inquire with our Sales Team

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<b>JOHN C ERNST LLC.</b>		www.johnernst.com 21 Gail Ct. Sparta, N.J. USA	
Series W11 Weld Pad High Pressure Sight Window 1" - 3"			
Sheet: 1 of 1	Drawn By: WAS	Tolerances, unless otherwise noted Dec.: ±    Frac.: ±    Ang.: ±	Size: A
Scale: NTS	Approved By: JCW		
Dim.: Var.	Date: 20-FEB-20	Dwg. No.: SC2.00W11.01.0.0	Rev.: C