



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	2/9/2016	WAS
A	Note for Retainer Material	6/20/2016	WAS
B	8" Unit Removed for Separate Drawing	9/9/2016	WAS
C	Added Note on Nuts, and Nameplate Information, NACE Note	2/3/2017	WAS

BILL OF MATERIALS					
* - Denotes an Optional, Non-Standard Material					
No.	Name of Part	Qty.	Material	Max. Temp. (°F)	Material Grade
011	Body	1	Carbon Steel		ASTM A-216 WCB
			316SS		ASTM A-351 CF8M
007	Gasket	2	Neoprene	250	
			Gylon®	500	Gylon® 3504
			*EPDM	250	
			*Viton®	350	
			*Graphite	500	
			*Non Asbestos	500	Klinger C-4400
			*Buna-N	250	
048	Lens	2	Tempered Boro.	500	
008	Cushion	2	Non-Asbestos	500	Klinger C-4400
001	Retainer ₁	2	Steel		ASTM A-216 WCB
			316SS		ASTM A-351 CF8M
137	Stud	8	Plated Steel		SAE Gr. 5
			*316SS		ASTM A193-B8M
004	Nut ₂	8	Plated Steel		SAE Gr. 5
			*316SS		ASTM A194-8M
163	Nameplate	1	SS		

Notes:

1. Retainers & Body are the Same Material
2. For 4" & 6" Sizes, Studs Thread Directly to Body (No Nuts)
3. For NACE Compliance, Please Inquire

PRODUCT SPECIFICATIONS

Flange Size	A		B		C		Weight	
	In.	mm.	In.	mm.	In.	mm.	lbs.	kg.
1/2 & 3/4	4-5/8	117	1-1/4	32	4-3/16	106	6	2.7
1	5-5/8	143	1-1/4	32	4-1/8	105	11	5.0
1-1/2	6-1/2	165	1-3/4	44	5-3/8	137	17	7.7
2	7-7/8	200	2	51	6-1/8	156	27	12.2
3	9-3/8	238	3-3/16	81	7-3/4	197	56	25.4
4 ₂	11	279	4-3/8	111	10-5/8	270	75	34.0
6 ₂	14-1/4	362	6-7/8	175	12-3/4	324	150	68.0

S14FC Series Configuration Choices:

Reference the Series S14FC Model Number Matrix on our Website or Inquire with our Sales Team

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 Viton® is a Registered Trademark of The Chemours Company

JOHN C ERNST LLC.

www.JOHNERNST.com
 21 Gail Ct. Sparta, N.J. USA

Series S14FC Sight Flow Indicator - Plain 150# Flanged

Sheet 1 of 1	Drawn By WAS	Tolerances, unless otherwise noted Dec.: ± Frac.: ± Ang.: ±	Size: A
Scale: NTS	Approved By: JCW		
Date: 03-FEB-17	Dwg. No.: SC2.S14FC.00.0.0		Rev. C