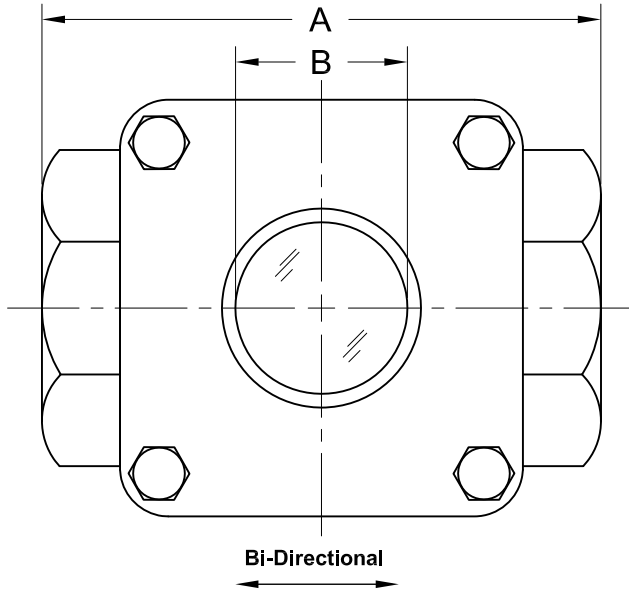
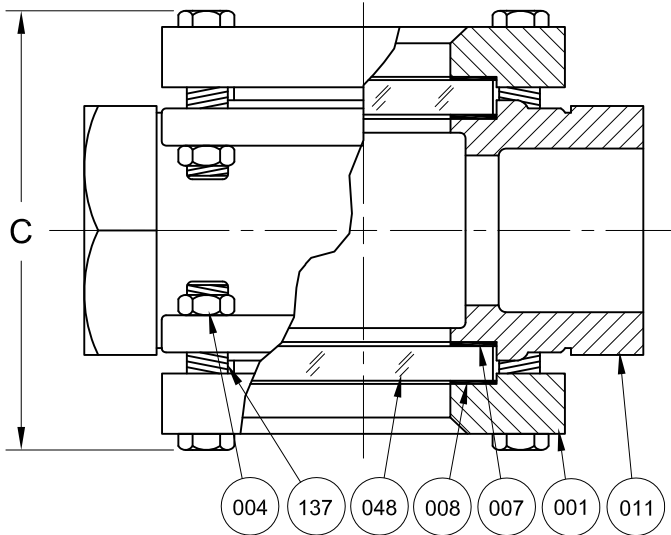


REVISIONS			
Rev.	Modification	Date	Done By



Bi-Directional



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.

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
048	Lens	2	Tempered Boro.	500	
008	Cushion	2	Non-Asbestos	500	Klinger C-4400
001	Retainer ₁	2	Carbon Steel		ASTM A-216 WCB
			316SS		ASTM A-351 CF8M
137	Stud	8	Plated Steel		SAE Gr. 5
			*316SS		ASTM A193-B8M
004	Nut	8	Plated Steel		SAE Gr. 5
			*316SS		ASTM A194-8M

Wetted / Non-Wetted

1. Retainers are the Same Material as the Body

PRODUCT SPECIFICATIONS

FNPT Size	A		B		C		Weight	
	In.	mm.	In.	mm.	In.	mm.	lbs.	kg.
1/2 & 3/4	3-3/4	95	1-1/4	32	3-7/8	98	6	2.7
1	4-1/4	108	1-1/4	32	4-1/8	105	11	5.0
1-1/2	5-1/2	140	1-3/4	44	5-3/8	137	12	5.4
2	6-1/4	159	2	51	6-1/8	156	17	7.7

S14TC Series Configuration Choices:

Reference the Series S14TC Model Number Matrix on our Website or Inquire with our Sales Team

Gylon® is a Registered Trademark of Garlock Sealing Technologies
Viton® is a Registered Trademark of the Chemours Company

JOHN C ERNST LLC.		www.JOHNERNST.com 21 Gall Ct. Sparta, N.J. USA	
Sheet 1 of 1	Drawn By WAS	Tolerances, unless otherwise noted Dec.: ± Frac.: ± Ang.: ±	
Scale: NTS	Approved By:		
Date: 27-MAY-16	Dwg. No.: SC2.S14TC.00.0.0		Rev. --