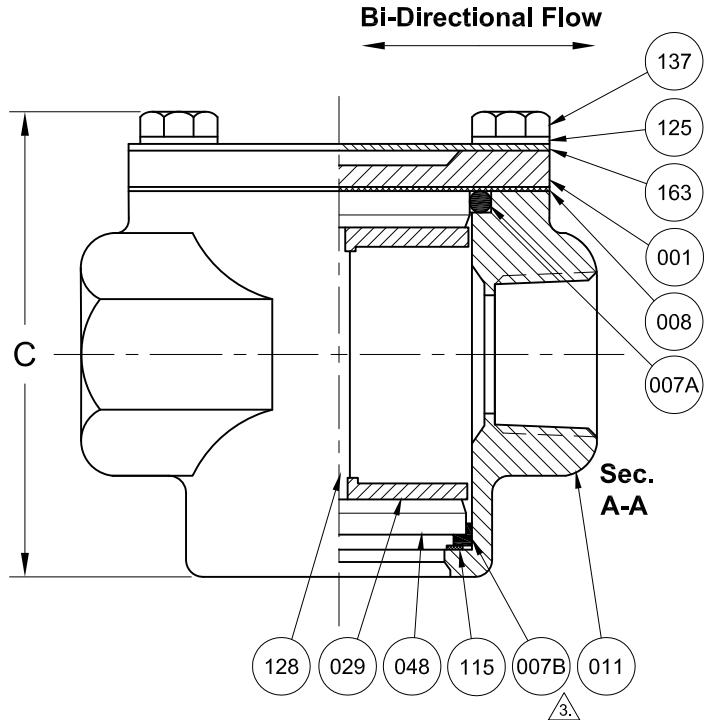
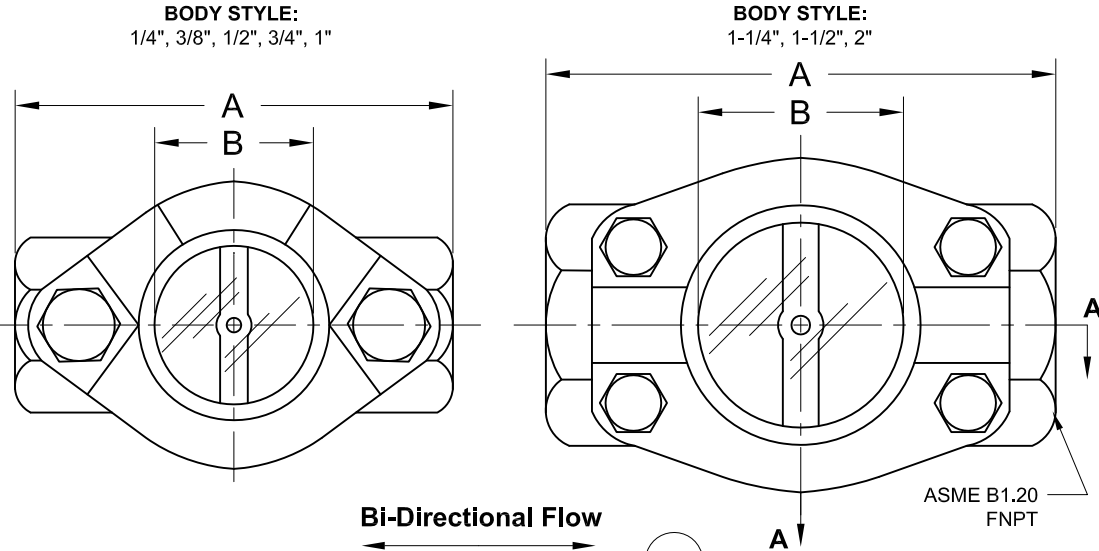


REVISIONS			
Rev.	Modification	Date	Done By
A	Materials updated	12/15/2020	NPH



RATINGS 2	
Temp. (°F)	Pressure (PSIG)
-20 to 150	400
200	350
250	300
300	240
350	200
400	160

*Consult Sales for Alt. Ratings

BILL OF MATERIALS						
* - Denotes an Optional, Non-Standard Material						
No.	Name of Part	Qty.	Material	Max. Temp. (°F)	Material Grade/Notes	
011	Body	1	Carbon Steel		ASTM A216-WCB	
			Bronze		ASTM B62-83600	
			316SS		ASTM A351-CF8M	
007A 007B	Gasket	2	Viton®	400		
			*Neoprene	250		
			*EPDM	250		
			*PTFE	400		
			*Kalrez®	400		
	*Buna-N	212				
029	Bridge	2	316LSS			
048	Lens	2	Tempered Borosilicate			
128	Pin	1	316SS			
Non-Wetted	001	Retainer	1	Plated Steel		
	008	Cushion	1	Non-Asbestos Fiber		
	009	Outer Shield (Opt.)	1	Polycarbonate	200	(Not Pictured)
	115	Spacer	1	PTFE	400	
	125	Washers	Var.	Plated Steel		
	137	Studs	Var.	Plated Steel		
163	Nameplate	1	Aluminum			

PRODUCT SPECIFICATIONS												
FNPT Size	A CS/SS UNITS		A BRZ./IRN. UNITS		B		C		Weight		# of Studs	Vacuum 1 (PSIG)
	In.	mm.	In.	mm.	In.	mm.	In.	mm.	lbs.	kg.		
1/4	3-5/8	92.1	3-1/4	82.6	1-1/8	28.6	2-9/16	65.1	1.9	0.86	2	-12.6
3/8	3-5/8	92.1	3-1/4	82.6	1-1/8	28.6	2-9/16	65.1	1.9	0.86	2	-12.6
1/2	3-5/8	92.1	3-1/4	82.6	1-1/8	28.6	2-9/16	65.1	1.7	0.77	2	-12.6
3/4	4-1/4	108.0	4-1/4	108.0	1-1/2	38.1	3-7/16	87.3	3	1.36	2	-12.6
1	4-1/4	108.0	4-1/4	108.0	1-1/2	38.1	3-7/16	87.3	3.1	1.41	2	-12.6
1-1/4	5-5/8	142.9	5-1/4	133.4	2	50.8	4-1/2	114.3	8.9	4.04	4	-12.6
1-1/2	5-5/8	142.9	5-1/4	133.4	2	50.8	4-1/2	114.3	8.4	3.81	4	-12.6
2	5-5/8	142.9	5-1/2	139.7	2	50.8	4-1/2	114.3	7.1	3.22	4	-12.6

- Notes:**
- Vacuum Service Rating: 85.5% of Full Vacuum / 25.6" of Hg. / 2.1 PSIA
 - Limited to Glass & Gasket Ratings
 - Actual Gasket Shape May Vary Based on Material and Size

S13T Series Configuration Choices:
Reference the Series S13T Model Number Matrix on our Website or Inquire with our Sales Team

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JOHN C ERNST LLC.		www.JOHNERNST.com 21 Gail Ct. Sparta, N.J. USA	
Series S13T High Pressure Plain SFIs 1/4" - 2" NPT			
Sheet: 1 of 1	Drawn By: WAS	Tolerances, unless otherwise noted Dec.: ± Frac.: ± Ang.: ±	
Scale: NTS	Approved By: JCW	Size: A	
Dim.: Var.	Date: 26-MAY-16	Dwg. No.: SC2.0S13T.00.0.1	Rev.: A