



RATINGS ₂	
Temp. (°F)	Pressure (PSIG)
-20 to 150	200
200	165
225	150
250	135
300	100
350	70
400	35

*Consult Sales for Alt. Ratings

REVISIONS			
Rev.	Modification	Date	Done By

BILL OF MATERIALS					
* - Denotes an Optional, Non-Standard Material					
No.	Name of Part	Qty.	Material	Max. Temp. (°F)	Material Grade/Notes
Wetted	011	1	Carbon Steel		ASTM A216-WCB
			316SS		ASTM A351-CF8M
	007A 007B	2	Neoprene	250	
			Viton®	400	
			*EPDM	250	
			*PTFE	400	
Non-Wetted	029	2	316LSS		
			048	2	Tempered Soda Lime
	128	1	316SS		
	001	1	Plated Steel		
	008	1	Non-Asbestos Fiber		
009	1	Polycarbonate	200	(Not Pictured)	
115	1	PTFE	400		
125	2	Plated Steel			
137	2	Plated Steel			
163	1	Aluminum			

PRODUCT SPECIFICATIONS									
Flange Size	A		B		C		Weight		Vacuum ₁
	In.	mm.	In.	mm.	In.	mm.	lbs.	kg.	PSIG
3/4	4-5/8	117.5	1-1/2	38.1	3-3/8	85.7	5.4	2.45	-12.6
1	5	127.0	1-1/2	38.1	3-1/2	88.9	6.0	2.72	-12.6

- Notes:**
1. Vacuum Service Rating: 85.5% of Full Vacuum / 25.6" of Hg. / 2.1 PSIA
 2. Limited to Glass, Gasket, & Indicator Ratings

S13F Series Configuration Choices:
Reference the Series S13F 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 S13F Plain SFIs - 3/4" - 1" Flanged				
Sheet: 1 of 1	Drawn By: WAS	Tolerances, unless otherwise noted Dec.: ± Frac.: ±1/64" Ang.: ±		Size: A
Scale: NTS	Approved By: JCW			
Dim.: Var.	Date: 30-NOV-16	Dwg. No.: SC2.OS13F.00.0.0	Rev.: --	