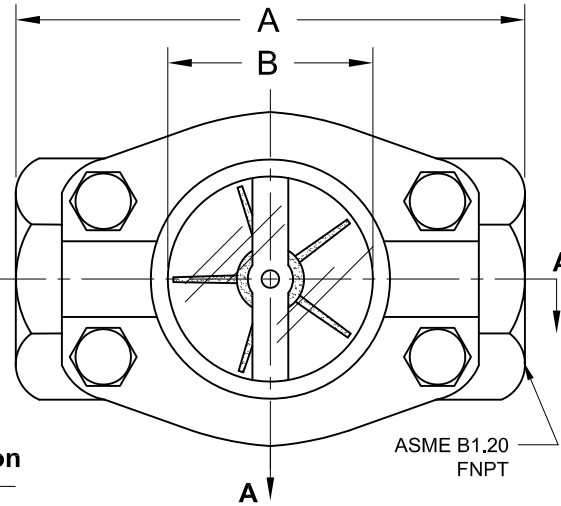
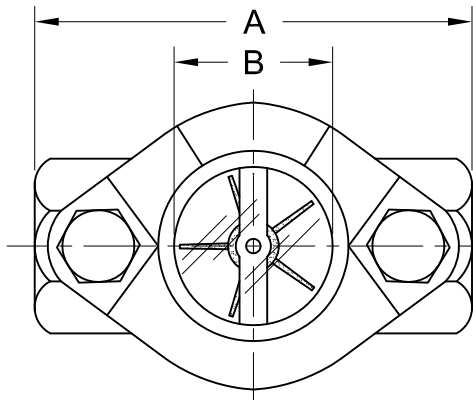


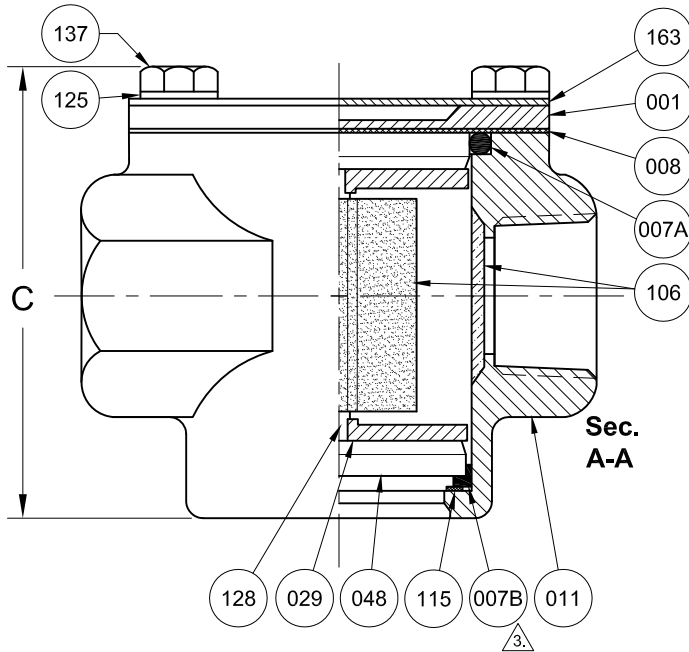
BODY STYLE:
1/4", 3/8", 1/2", 3/4", 1"

BODY STYLE:
1-1/4", 1-1/2", 2"



Flow Direction
←

ASME B1.20
FNPT



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
A	Updated materials	12/15/2020	NPH

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	Neoprene	250		
			Viton®	400		
			*EPDM	250		
			*PTFE	400		
			*Kalrez®	400		
			*Buna-N	212		
029	Bridge	2	316LSS			
048	Lens	2	Tempered Soda Lime			
106	Rotor / Deflector	1	Delrin® / 316SS	250	White	
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		Min. Flow to Indicate	# of Studs
	In.	mm.	In.	mm.	In.	mm.	In.	mm.	lbs.	kg.	GPM	
1/4	3-5/8	92.1	3-1/4	82.6	1-1/8	28.6	2-3/8	60.3	1.6	0.73	0.14	2
3/8	3-5/8	92.1	3-1/4	82.6	1-1/8	28.6	2-3/8	60.3	1.6	0.73	0.25	2
1/2	3-5/8	92.1	3-1/4	82.6	1-1/8	28.6	2-3/8	60.3	1.4	0.64	0.30	2
3/4	4-1/4	108.0	4-1/4	108.0	1-1/2	38.1	3-1/4	82.6	3	1.36	0.60	2
1	4-1/4	108.0	4-1/4	108.0	1-1/2	38.1	3-1/4	82.6	2.7	1.22	0.70	2
1-1/4	5-5/8	142.9	5-1/4	133.4	2	50.8	4-5/16	109.5	8.4	3.81	1.05	4
1-1/2	5-5/8	142.9	5-1/4	133.4	2	50.8	4-5/16	109.5	7.9	3.58	1.25	4
2	5-5/8	142.9	5-1/2	139.7	2	50.8	4-5/16	109.5	6.6	2.99	1.30	4

- Notes:**
- Vacuum Service Rating: 85.5% of Full Vacuum / 25.6" of Hg. / 2.1 PSIA / -12.6 PSIG
 - Limited to Glass, Gasket, & Indicator 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 Rotator SFIs 1/4" - 2" NPT			
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: 31-MAY-16	Dwg. No.: SC2.0S13T.01.0.0	Rev.: A