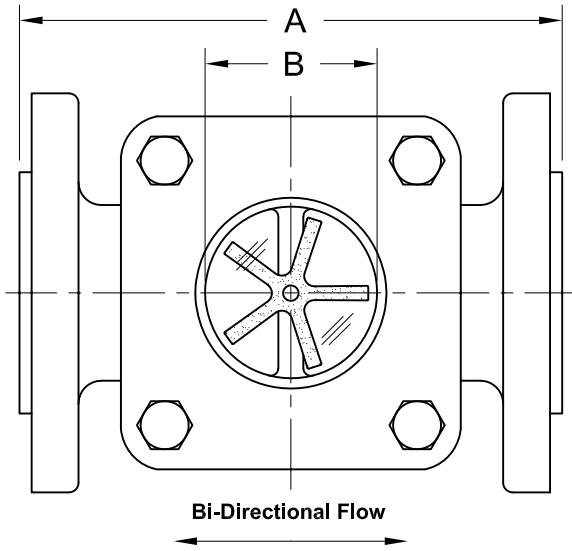


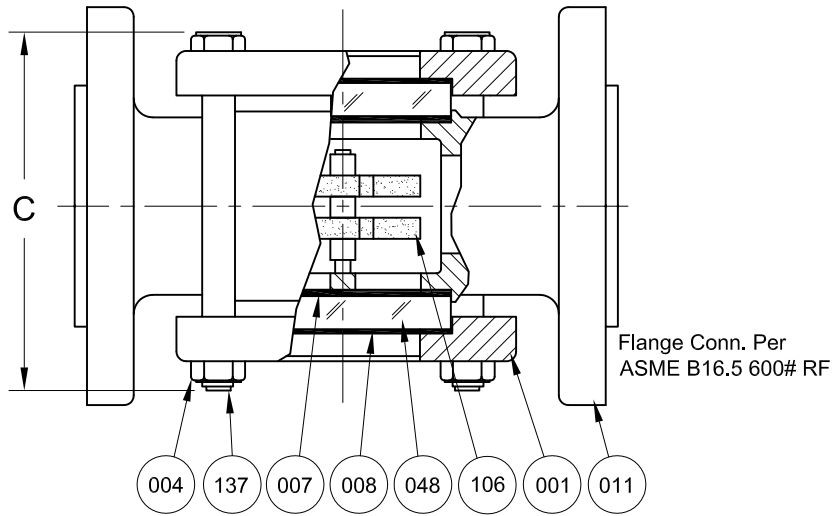
REVISIONS			
Rev.	Modification	Date	Done By
A	Amended Notes	8/5/2019	NPH
B	Updated Materials	10/10/2022	NPH



ASME Class 600 Service Press./Temp. Ratings *Limited to Gasket & Glass Material		
Temp. (°F)	Pressure (PSIG)	
	CS	316SS
-20 to 100	1480	1440
150	1420	1340
200	1360	1240
250	1335	1180
300	1310	1120
350	1285	1070
400	1265	1025
450	1235	990
500	1205	955

\*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	Electro-Galvanized Zinc Plated Carbon Steel		ASTM A216 WCB
			*316SS		ASTM A351 CF8M
007	Gasket	2	Neoprene	250	
			Gylon®	500	Gylon® 3545
			*EPDM	250	
			*Viton®	350	
			*Graphite	500	
			*Non Asbestos	500	
			*Buna-N	250	
048	Lens	2	Tempered Boro.	500	
106	Rotor Assembly	1	PTFE	500	
008	Cushion	2	Non-Asbestos	500	
001	Retainer	2	Electro-Galvanized Zinc Plated Carbon Steel		ASTM A516 Gr.70
			*316SS		ASTM A240
137	Stud	Var.	Yellow Zinc Plated Steel		ASTM A354-BD
			*316SS		ASTM A193-B8M-CL2
004	Nut	Var.	Yellow Zinc Plated Steel		ASTM A194-2H
			*316SS		ASTM A194-8M
163	Name Plate	1	304SS		Not Pictured (Wired to Unit)



PRODUCT SPECIFICATIONS											
Flange Size	A		B		C <sub>2</sub>		Weight		# of Bolts	Max. Flow Velocity	
	In.	mm.	In.	mm.	In.	mm.	lbs.	kg.		ft/s	m/s
1/2 & 3/4	6-1/4	159	1	25	5-1/4	133	9-1/2	4.3	4	10	3
1	7-1/4	184	1-1/4	32	5-3/4	146	17	7.7	4	10	3
1-1/2	7-7/8	200	2	51	5-7/8	149	24	10.9	4	10	3
2	9	229	2	51	8-1/8	206	35	15.9	4	10	3
2-1/2 & 3	11-3/4	298	3-3/16	81	11-5/8	295	64	29.0	4	10	3
4	14-1/4	362	4-1/2	114	14-1/4	362	135	61.2	4	10	3
6	23-3/8	594	5-1/2	140	19-1/8	486	260	117.9	12	6	1.8
8	25-1/4	641	5-1/2	140	21-7/16	545	350	158.8	12	6	1.8

- Notes:**
- Fused & Dual Glass Options are also Available
  - Standard Bolt Length for "C" Dimension (±1/8")
  - Carbon Steel & 316SS Bodies Conform to NACE MR0175 for Wetted NACE Service
  - For 6" & 8", maximum pressure is 800PSI, maximum temperature is 500°F depending on gasket material

**S16F Series Configuration Choices:**

Reference the Series S16F 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

<b>JOHN C ERNST LLC.</b>		www.JOHNERNST.com 21 Gail Ct. Sparta, N.J. USA		
				Series S16F Sight Flow Indicator - Rotor 600# Flanged
Sheet: 1 of 1	Drawn By: WAS	Tolerances, unless otherwise noted Dec.: ±    Frac.: ±    Ang.: ±		Size: A
Scale: NTS	Approved By GEW	Dim.: Var.		Date: 30-JAN-17
Dwg. No.: SC2.0S16F.01.0.0		Rev.: B		