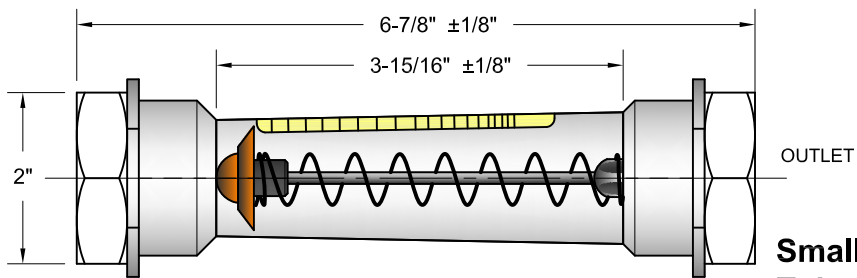
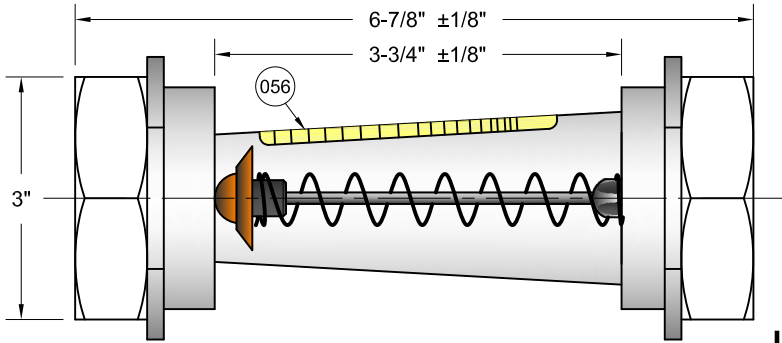
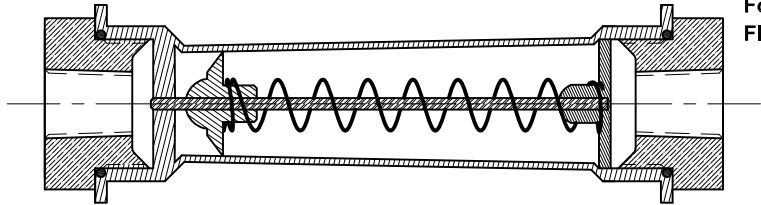


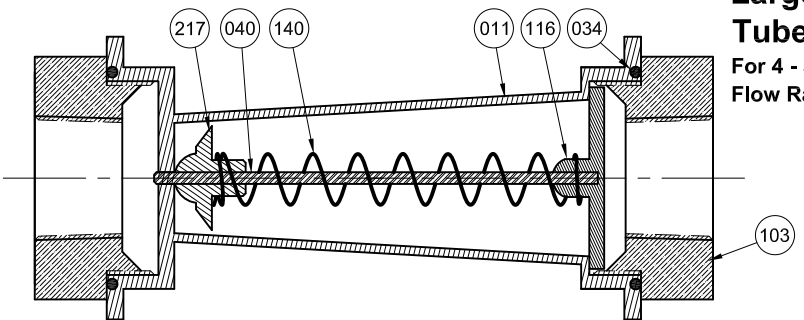
REVISIONS			
Rev.	Modification	Date	Done By



**Small Tube (S)**  
For 0.4 - 15 GPM Flow Rates



**Large Tube (L)**  
For 4 - 50 GPM Flow Rates



BILL OF MATERIALS			
No.	Name of Part	Qty.	Material
103	End Fittings	2	Brass
			Aluminum
			316SS
			PVC
011	Body/Housing	1	PVC
034	O-Rings	2	Viton®
040	Shaft	1	316SS
056	Flow Rate Label	1	(Non-Wetted)
116	Shaft Retainer	1	PVC
140	Spring	1	316SS
217	Piston	1	PVC

AVAILABLE FLOW RANGES					
FNPT Size	Tube Size	Water		Air <sub>2</sub>	
		GPM	LPM	SCFM	SLPM
1/2	S	0.4 - 3	N/A	N/A	N/A
	S	0.5 - 5	2 - 20	5 - 50	200 - 1400
	S	1 - 10	6 - 38	15 - 90	250 - 2500
	S	3 - 15	5 - 55	20 - 135	600 - 3900
3/4	S	0.4 - 3	N/A	N/A	N/A
	S	0.5 - 5	2 - 20	5 - 50	200 - 1400
	S	1 - 10	6 - 38	15 - 90	250 - 2500
	S	3 - 15	5 - 55	20 - 135	600 - 3900
	L	4 - 20	15 - 75	20 - 200	500 - 5500
	L	5 - 30	10 - 110	30 - 300	1000 - 8000
1	L	5 - 40	15 - 150	40 - 400	1000 - 11,000
	L	5 - 50	20 - 200	50 - 500	2000 - 14,000
	S	0.4 - 3	N/A	N/A	N/A
	S	0.5 - 5	2 - 20	5 - 50	200 - 1400
	S	1 - 10	6 - 38	15 - 90	250 - 2500
	S	3 - 15	5 - 55	20 - 135	600 - 3900
1-1/2	L	4 - 20	15 - 75	20 - 200	500 - 5500
	L	5 - 30	10 - 110	30 - 300	1000 - 8000
	L	5 - 40	15 - 150	40 - 400	1000 - 11,000
	L	5 - 50	20 - 200	50 - 500	2000 - 14,000

RATINGS								
Temp.		Pressure				Pressure Drop	Accuracy	Steam Service
		Water		Air <sub>2</sub>				
°F	°C	PSIG	kPa	PSIG	kPa	4 PSIG of Full Scale Flow	±5% of Full Scale Flow	NR
70	21	200	1379	100	689			
100	38	100	689	50	345			
125	52	75	517	35	241			
130	54	50	345	N/A	N/A			

- KEY NOTES:**
- CANNOT** be Over Tightened
  - Flow Rates for Air Applications Calibrated to 90 PSIG. See IOM for Conversion Factors if Other than 90 PSIG

**M11 Series Configuration Choices:**  
Reference the Series M11 Model Number Matrix on our Website or Inquire with our Sales Team

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**JOHN C ERNST LLC.**  
21 Gail Ct. Sparta, N.J. USA  
www.johnernst.com

Series M11 Shuttle Type Flow Meter

Sheet: 1 of 1	Dwn By: WAS	Tolerances, unless otherwise noted Dec.: ±    Frac.: ±    Ang.: ±	Size: A
Scale: NTS	Approved By: JCW		Rev.: --
Dim.: Var.	Date: 21-MAR-18	Dwg. No.: SC2.00M11.00.0.1	