

유량계 (Turbine and Gear)

Turbine Flowmeters FM Series



AN/MS Flare Connection

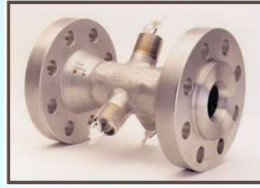
Applications

- ◆ 우주항공 및 자동차 연료 소비
- ◆ 산업용 천연 가스
- ◆ 수력 (수압, 유압)
- ◆ 고온, 고압 및 고충격 환경
- ◆ 의학용 초고순도 물
- ◆ 석유화학
- ◆ Batching, 혼합 및 Hygienic
예 : 양조장, 증류소, 착유소 등
(여기서 Flowmeter는 증기로 청소됨)
- ◆ 보관 장소 이동
- ◆ 저온 환경



NPT Connection

Specifications



ANSI Flanged Connection



Tri-Clover Connection

Accuracy	Liquid Service* Based on water @ ambient conditions	Gas Service* Based on air @ 14.7 PSIA and 70°F
Calibration Accuracy of Primary Standard Directly traceable to NIST	±0.05% of Reading	±0.3% of Reading
Repeatability	±0.05% of Reading	±0.1% of Reading
Linearity over Normal Range 10:1 turn-down	±0.5% of Reading	±1% of Reading

Flow Range - Liquid Service

Model Prefix	Nominal Size Inches	Normal Flow Range GPM	Extended Flow Range		Approx. Max. Frequency(Hz) Over Normal Range	Approx. K-Factor Pulse/Gallon
			with Ball Bearing GPM	with Journal Bearing GPM		
FM-4-8	1/2	0.25 - 2.50	0.03 - 3	0.12 - 3	2000	48000
FM-6-8		0.50 - 5.00	0.05 - 5	0.15 - 5		25000
FM-8-8		0.75 - 7.50	0.08 - 8	0.20 - 8		16000
FM-8		1.00 - 10.00	0.10 - 10	0.25 - 10		12000
FM-10	5/8, 3/4	1.25 - 12.50	0.15 - 15	0.3 - 15		9600
FM-12	3/4	2 - 20	0.25 - 25	0.5 - 25		6000
FM-16	1	5 - 50	0.60 - 60	1.00 - 60	2400	
FM-20	1 1/4	9 - 90	1.00 - 100	1.50 - 100	1800	1200
FM-24	1 1/2	15 - 150	1.60 - 160	2.00 - 160	1500	600
FM-32	2	20 - 250	2.50 - 250	2.50 - 250	1300	300
FM-40	2 1/2	40 - 450	4.50 - 500	4.50 - 500	1200	160
FM-48	3	40 - 650	7.50 - 750	7.50 - 750	800	75
FM-64	4	80 - 1250	15 - 1500	15 - 1500	600	30
FM-96	6	250 - 3000	50 - 3500	50 - 3500	400	8
FM-128	8	500 - 5500	60 - 6000	60 - 6000	275	3
FM-160	10	800 - 8500	100 - 10000	100 - 10000	225	2.5
FM-192	12	1000 - 12000	150 - 15000	150 - 15000	200	1

Company Specialized in Sound/Vibration



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Turbine Flowmeters FM Series

Flow Range - Gas Service

Model Prefix	Nominal Size Inches	Actual Cubic Feet Per Minute (ACFM)		Approx. Max. Frequency(Hz) Over Normal Range	Pulse/Ft. ³	
FM-4-8	1/2	0.25 - 2.50	0.2 - 3			2000
FM-6-8		0.50 - 5.00	0.25 - 5	24000		
FM-8-8		0.75 - 7.50	0.40 - 8	16000		
FM-8		1.00 - 10.00	0.50 - 10	12000		
FM-10	5/8, 3/4	1.25 - 12.50	0.60-15	9600		
FM-12	3/4	2 - 20	1.00-25	6000		
FM-16	1	5 - 50	1.50 - 60	2400		
FM-20	1 1/4	9 - 90	2 - 100	1800	1200	
FM-24	1 1/2	15 - 150	3 - 160	1500	600	
FM-32	2	20 - 250	5 - 250	1300	300	
FM-40	2 1/2	30 - 450	10 - 500	1200	160	
FM-48	3	40 - 650	15 - 750	800	75	
FM-64	4	80 - 1250	20 - 1500	600	30	
FM-96	6	250 - 3000	70 - 3500	400	8	
FM-128	8	500 - 5500	120 - 6000	275	3	
FM-160	10	800 - 8500	200 - 10000	225	2.5	
FM-192	12	1000 - 12000	300 - 15000	200	1	

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