

TURBINE FLOWMETERS

SPONSLER WAFER SERIES

- **Stainless Steel Construction**
- **Attitude Insensitive**
- **Low Pressure Drop**
- **High Accuracy and Repeatability**
- **Electrical Pulse Output**
- **Fits Between Flanges for Easy Installation**
- **Custom and Standard Design**
- **Made in USA**



SPONSLER CO., INC.

Flow Measuring Devices and Controls

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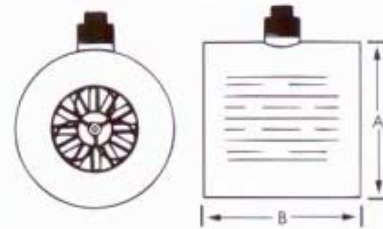
SPONSLER WAFER SERIES

Sponsler Wafer Series Precision Turbine Flowmeters . . .

are designed as a cost effective means of measuring liquids and gases accurately. The Wafer Series installs between two flanges. Alignment rings are available to align the meter body with the flange faces.

Wafer Series Flowmeters are available in seven overlapping ranges covering flowrates from 1.5 to 3600 US GPM. Wafer Series Precision Turbine Flowmeters interface with Sponsler Electronic Instrumentation.

Sizing Chart



Meter Size	A DIM	(O.A.L.) B DIM
3/4"	1.687	2.500
1"	2.000	2.500
1 1/2"	2.500	2.500
2"	3.625	3.250
2 1/2"	4.125	3.500
3"	5.000	3.500
4"	6.187	3.250
6"	8.500	5.750

METER SIZE (INCHES)	LIQUID FLOW RANGES				GAS FLOW RANGES	
	Nominal Flow Ranges				Flow Range (ACFM)	
	U.S. Gallons Per Minute				(Magnetic Pickup)	
	MINIMUM REPEAT	MINIMUM LINEAR	NOMINAL	EXTENDED MAXIMUM	MINIMUM LINEAR	MAXIMUM LINEAR
3/4	1.5	2.5	29	35	2.5	28
1	2.0	4.0	60	75	4.0	60
1 1/2	5.0	8.0	130	175	8	130
2	11	15	225	275	15	250
2 1/2	15	25	400	500	25	450
3	20	40	650	800	40	650
4	50	75	1250	1500	75	1200
6	125	200	2900	3600	250	2900

Model Selection Guide

SP _____ - _____ - _____ - W - _____
 Meter Size Bearing Type Rotor Type Material/Boss

(Model Example: SP1 1/2 - CB - PH12 - W - 4X)

BEARING TYPES	ROTOR TYPES	MATERIAL	BOSS = X
CB = Cryo Ball	NL = 304 Nickel Liquid	4 = 304 S.S.	
TB = Teflon Ball	N7 = 304 Nickel 7° Gas	6 = 316 S.S.	
MB = Metal Ball	N12 = 304 Nickel 12° Gas	6L = 316L S.S.	
TS = Teflon Sleeve	N15 = 304 Nickel 15° Gas		
GS = Graphitar Sleeve	PHL = 17-4 PH Liquid		
CS = Carbide Sleeve	PH7 = 17-4 PH 7° Gas		
	PH12 = 17-4 PH 12° Gas		
	PH15 = 17-4 PH 15° Gas		

For more information or to discuss your specific needs, call Sponsler Co., Inc. today at 1.800.258.1165 or (864) 647.2065 FAX (864) 647.1255 www.sponsler.com