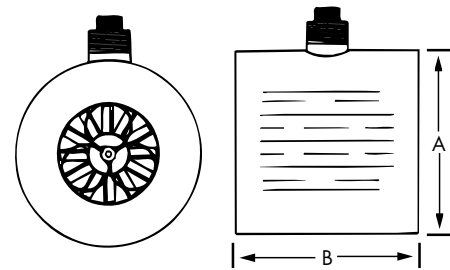


Sponsler Wafer Series Precision Turbine Flowmeters . . .

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 | | |