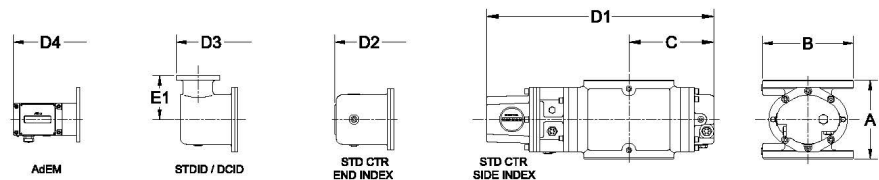




ROMET

Rotary Gas Meters



Note: AMI/AMR adaptors available upon request.

| METER SIZE | DN/PN 16 FLANGE | ANSI 125 FF FLANGE | A | B | C | D1 | D2 | D3 | D4 | E1 | WEIGHT (kg) |
|------------|-----------------|--------------------|--------|--------|--------|--------|--------|--------|--------|--------|-------------|
| G1000 | 200 mm | 8" | 406 mm | 286 mm | 378 mm | 834 mm | 871 mm | 891 mm | 915 mm | 102 mm | 86 |

G1000 - HARD METRIC

HARD METRIC G1000 200 mm (8") FLANGE CONNECTION

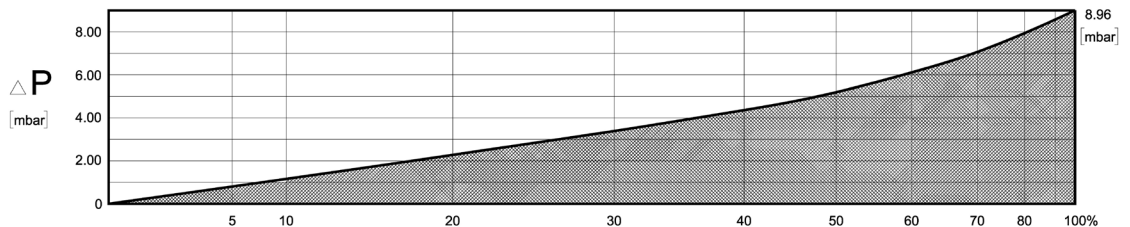
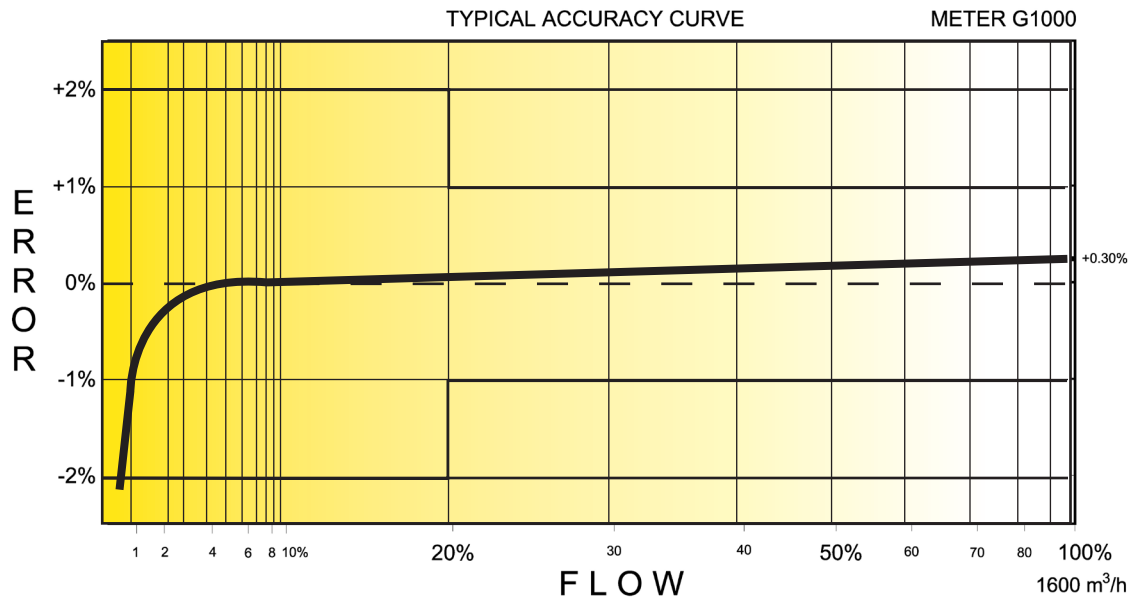
TECHNICAL SPECIFICATION

| | | |
|---|-------------------------|--------------|
| Connection (Flange) | DN/PN16 ANSI 125FF | 200 mm 8" |
| MAOP | (bar) | 12 |
| Flow Capacity | (m ³ /h) | 1600 |
| Rangeability* (up to 1:160 @ atmospheric condition, according to EN12480 & OIML R137/1 requirement) | | 1:160 |
| Start Rate | (m ³ /h) | .736 |
| Stop Rate | (m ³ /h) | .453 |
| Differential @ 100% Flow | (mbar) | 8.96 |
| Instrument Drive Rate | (m ³ /rev) | 1.0/10.0 |
| LF Pulser (Optional) | (m ³ /pulse) | 1.0/10.0 |

*Note: It should be noted, that moving parts in the meters with a greater rangeability ratio are made to high class accuracy and tight tolerances. Improper installation, stresses on piping system due to temperature changes, settling and gas conditions can create a risk of meter rejection.

CORRECTED FLOW CAPACITY AND TYPICAL ACCURACY GUIDE

| G1000 METER (SM ³ /H) | |
|-------------------------------------|--|
| Gauge Pressure Bar 0.012 | G1000 Qmax = 1600 m ³ / hr |
| 0.05 | 1678.9 |
| 0.1 | 1757.9 |
| 0.5 | 2389.5 |
| 1.0 | 3179.1 |
| 1.5 | 3968.6 |
| 2.0 | 4758.1 |
| 2.5 | 5547.7 |
| 3.0 | 6337.2 |
| 5.0 | 9495.4 |
| 7.5 | 13443.1 |
| 10.0 | 17390.8 |
| 11.0 | 18969.8 |
| 12.0 | 20548.9 |



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