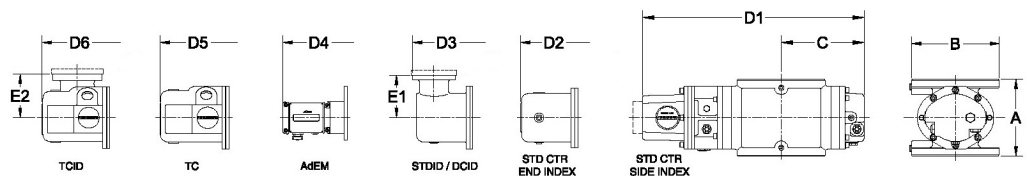




**ROMET**

# Rotary Gas Meters



Note: AMI/AMR adaptors available upon request.

| METER SIZE | ANSI 125 FF FLANGE | A     | B      | C     | D1     | D2     | D3     | D4     | D5     | D6     | E1    | E2    | WEIGHT (lbs) |
|------------|--------------------|-------|--------|-------|--------|--------|--------|--------|--------|--------|-------|-------|--------------|
| RM3000     | 2"                 | 6.75" | Ø 6.0" | 5.58" | 14.93" | 16.36" | 17.19" | 18.13" | 17.48" | 17.53" | 4.00" | 4.00" | 27-36        |

**RM3000 - IMPERIAL**

# IMPERIAL RM3000 2" FLANGE CONNECTION

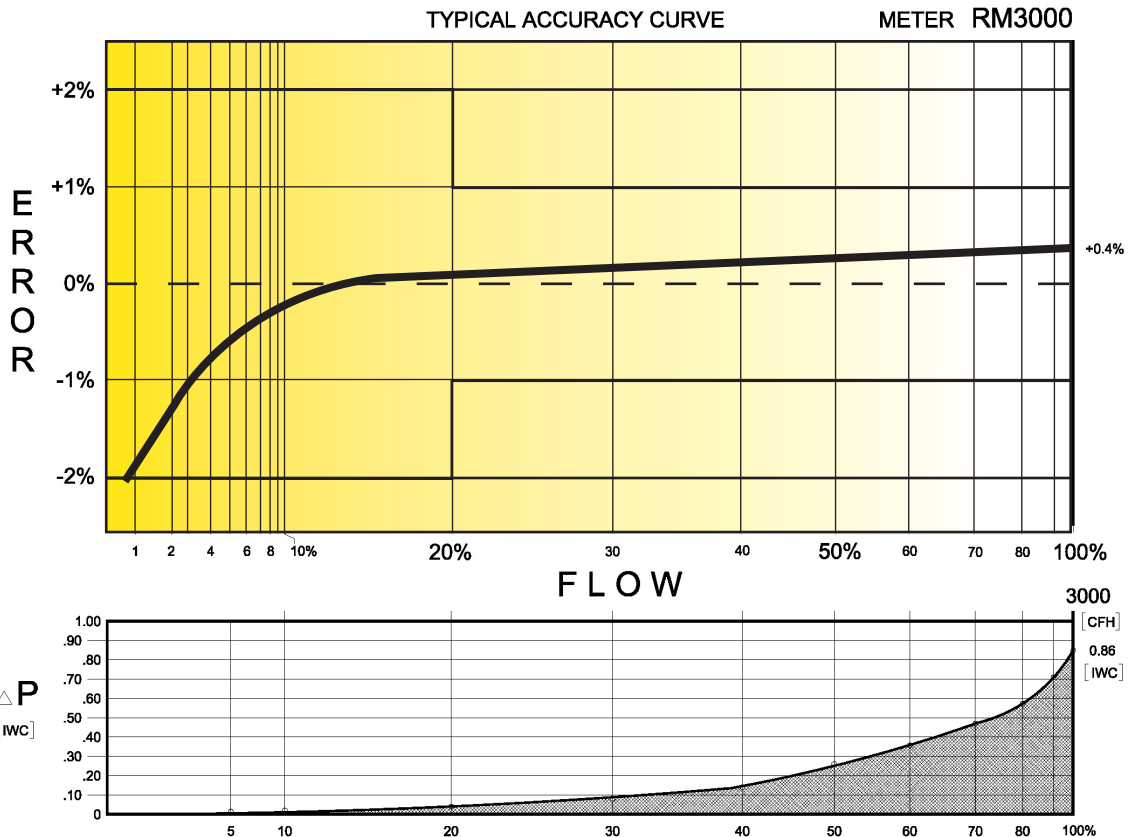
## TECHNICAL SPECIFICATION

|   |             |        |
|---|-------------|--------|
| Connection (Flanged)                                | ANSI 125 FF | 2"     |
| MAOP  | (psig)      | 175    |
| Flow Capacity                                       | (cfh)       | 3000   |
| Rangeability* (up to 1:160 @ atmospheric condition) |             | 1:160  |
| Start Rate  | (cfh)       | 4.0    |
| Stop Rate   | (cfh)       | 3.3    |
| Differential @ 100% Flow                            | (I.W.C.)    | 0.86   |
| Instrument Drive Rate                               | (cf/rev)    | 10/100 |
| LF Pulser (Optional)                                | (cf/pulse)  | 10/100 |

\*Note: It should be noted, that moving parts in the meters with 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

| RM3000 METER (SCFH)          |                                       |
|------------------------------|---------------------------------------|
| Gauge Pressure P.S.I.G. 0.25 | RM3000 Qmax = 3000ft <sup>3</sup> /hr |
| 2                            | 3136                                  |
| 5                            | 3951                                  |
| 10                           | 4969                                  |
| 15                           | 5988                                  |
| 20                           | 7006                                  |
| 25                           | 8024                                  |
| 50                           | 13116                                 |
| 75                           | 18208                                 |
| 100                          | 23299                                 |
| 125                          | 28391                                 |
| 150                          | 33483                                 |
| 175                          | 38574                                 |



# ROMET

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