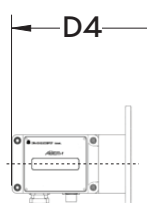
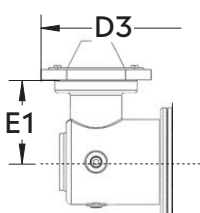


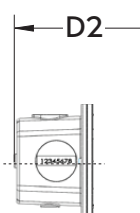
**Special 2" Flange Connections**



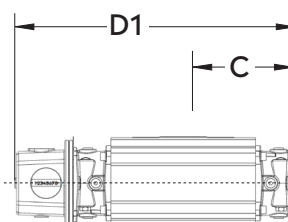
Adem



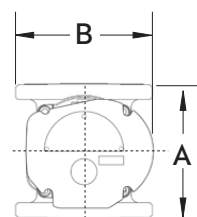
STDID / DCID



STD CTR  
END INDEX



STD CTR  
SIDE INDEX



Note: AMI/AMR adaptors available upon request.

| METER SIZE | ANSI 125 FF FLANGE | A     | B     | C     | D1     | D2     | D3     | D4     | E1    | WEIGHT (lbs) |
|------------|--------------------|-------|-------|-------|--------|--------|--------|--------|-------|--------------|
| RMT140     | 2"                 | 6.75" | 6.88" | 8.22" | 19.90" | 21.38" | 22.84" | 23.04" | 4.00" | 33-43        |

Patent Pending USA

**Increase capacity without rebuilding the meter set**

# SOFT METRIC RMT140 2" FLANGE CONNECTION

## TECHNICAL SPECIFICATION

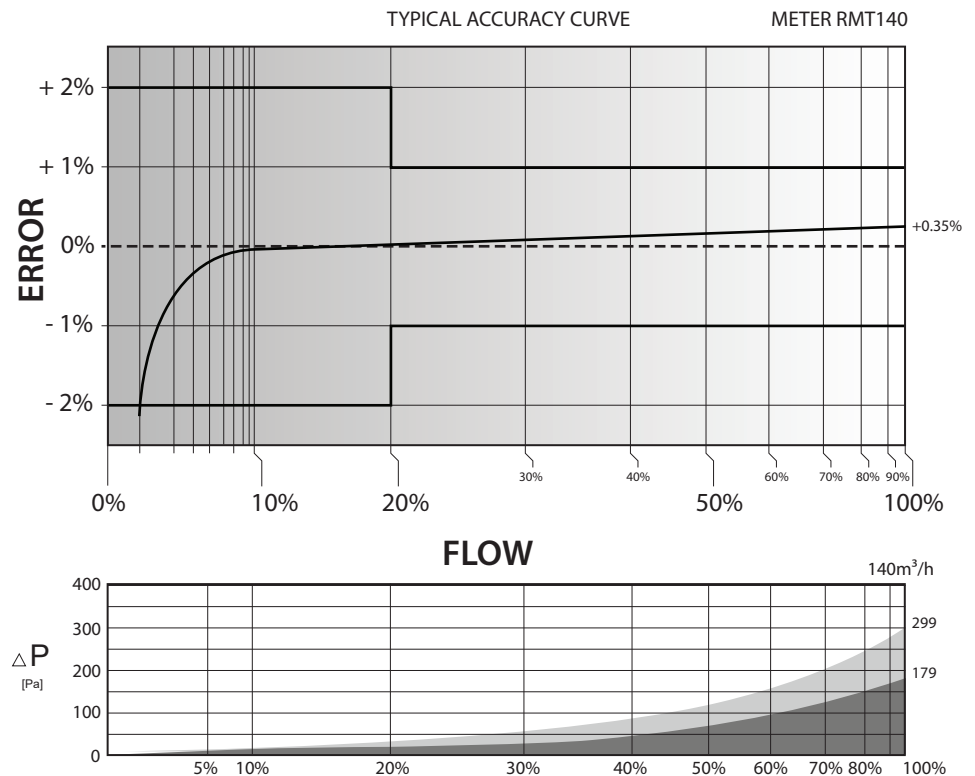
| Connection (Flange)                  | ANSI 125 FF             | 2"          |
|--------------------------------------|-------------------------|-------------|
| MAOP                                 | (kPa)                   | 1206        |
| Flow Capacity                        | (m <sup>3</sup> /h)     | 140         |
| Rangeability * @ ±2% / ±1% Error     |                         | 1:250/1:200 |
| Start Rate                           | (m <sup>3</sup> /h)     | 0.034       |
| Stop Rate                            | (m <sup>3</sup> /h)     | 0.010       |
| Differential @ 100 % Flow [AIR/N.G.] | (Pa)                    | 299 / 179   |
| Instrument Drive Rate                | (m <sup>3</sup> /rev)   | 0.1         |
| LF Pulser (Optional)                 | (m <sup>3</sup> /pulse) | 0.1         |

Meets or exceeds ANSI B109.3

\*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

| RMT140 METER (Sm <sup>3</sup> /h) |                                                      |
|-----------------------------------|------------------------------------------------------|
| Gauge Pressure<br>kPa<br>1.72     | RMT140<br>Q <sub>max</sub> =<br>140m <sup>3</sup> /h |
| 5                                 | 146.4                                                |
| 10                                | 153.4                                                |
| 50                                | 208.6                                                |
| 100                               | 277.7                                                |
| 150                               | 346.8                                                |
| 200                               | 415.9                                                |
| 250                               | 485.0                                                |
| 300                               | 554.0                                                |
| 500                               | 830.4                                                |
| 750                               | 1175.8                                               |
| 1000                              | 1521.2                                               |
| 1100                              | 1659.4                                               |
| 1200                              | 1797.6                                               |



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TS-06 Rev 1, November 2025