**NOTICE**

For accurate flow measurement, the correct hole size in pipe must be:

**PI** = ID + WALL + ODV + 25.9 (658)

**PR** = 2(ID + WALL + ODV) + 26.1 (663)

*UNLESS OTHERWISE SPECIFIED*

ALL INFORMATION IS BOTH (TYP) & GENERAL TO STANDARD PRODUCT DESIGN

ALL PIPE SECTIONS SHOWN FOR REFERENCE ONLY

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**DIMENSIONAL DRAWING, MODEL 585**

**GEAR DRIVE FLO-TAP**

**TYPE I**

**REVISIONS**

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<th>DESCRIPTION</th>
<th>CHG.NO.</th>
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<th>DATE</th>
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<td>NEW RELEASE</td>
<td>DSI1002326</td>
<td>E.V.</td>
<td>1/28/09</td>
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**BI-DIRECTIONAL**

**FLOW**

**FLOW**

**FLOW**

**REMOTE MOUNT HEAD OPTION**

**REMOTE MOUNT (HORIZ. OR VERT. FLOW)**

**INTEGRAL TEMPERATURE SENSOR**

**SOCKET WELD OR NPT**

**EITHER WITH (OR W/O) INTEGRAL TEMPERATURE SENSOR**

**DIRECT MOUNT OPTION**

(5-VALVE MANIFOLD SHOWN 3-VALVE AVAILABLE)

**INSTRUMENT CONNECTIONS:**

**SOCKET WELD OR NPT**

**EITHER WITH (OR W/O) INTEGRAL TEMPERATURE SENSOR**

**NOTE:** UNLESS OTHERWISE SPECIFIED

ALL INFORMATION IS BOTH (TYP) & GENERAL TO STANDARD PRODUCT DESIGN

ALL PIPE SECTIONS SHOWN FOR REFERENCE ONLY

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**DIMENSIONS IN INCHES (MM) TYPE I**

**NOTE:** UNLESS OTHERWISE SPECIFIED

ALL INFORMATION IS BOTH (TYP) & GENERAL TO STANDARD PRODUCT DESIGN

ALL PIPE SECTIONS SHOWN FOR REFERENCE ONLY

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**EMERSON Process Management**

**BOULDER, COLORADO**

**DR.**

J.PAYLOR

1/28/09

**APPROVAL**

**DRAWING**

**DRV**

1/28/09

**DRAWING NO.**

00585-1001

**SIZE**

C

**SPECIALS**

**SCALE:** NONE

**SHEET 1 OF 2**
NOTES:

1. ROSEMOUNT INC. CERTIFIES THIS DRAWING IS IN ACCORDANCE WITH ROSEMOUNT ENGINEERING SPECIFICATIONS & ACCURATELY REPRESENTS THE EQUIPMENT FURNISHED.

2. ALL ORIENTATIONS SHOWN FOR REFERENCE ONLY. FOR ACTUAL RECOMMENDED LOCATION & ORIENTATION OF SENSORS & INSTRUMENT CONNECTIONS REFER TO INSTALLATION INSTRUCTION MANUAL 00809-0100-4809 &/OR QUICK INSTALLATION GUIDE (QIG) 00825-0200-4585.

3. FIELD WELD. REFER TO INSTALLATION INSTRUCTIONS FOR WELD REQUIREMENTS.

4. MAXIMUM PRESSURE: 600LB ANSI EQUIVALENT (1440 PSIG @ 100°F / 9928.5Kpa g @ 37.8°C) FOR 316 STAINLESS STEEL.

5. MAXIMUM TEMPERATURE: 850°F (454.4°C) FOR STAINLESS STEEL.

6. FOR MODEL SELECTIONS, REFER TO ROSEMOUNT PRODUCT DATA SHEETS.

ANNUBAR® PRIMARY FLOW ELEMENT IS ACCURATE ONLY WITH CORRECT SIZED, DRILLED, MOUNTING HOLE. NO TORCH CUT ALLOWED. TOLERANCE ±0.002/-.000 (+1.6mm/-.00mm).