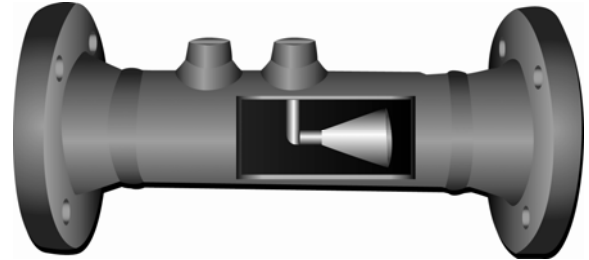


## idCone™

### Cone Tube Flanged – Threaded – Butt-Weld – Insert



idFlow offers a complete line of cone-shape meters, designed individually to meet specific flow measurement for optimum accuracy and high turn-down ratio in tight pipe configurations

#### FEATURES:

- Suitable for pipes from:  
1/2"(13MM) to 24"(600MM)
- Integral Transmitter Mount 3 or 5 valve manifold (IT3V-Option Sizes 1/2" to 2-1/2")
- Mass Flow Measurement with dynamic process compensation for pressure, temperature and DP with Multivariable transmitter
- End connections:
  - Threaded and Insert Types(up to 3"- 75MM)
  - Butt-weld & Flanged (up to 2500# -165 Bar)
  - Wafer Types are designed to be installed between existing flanges
- Low pressure losses (High energy savings)
- Low pumping costs (1/2 of orifice plate)
- Very Short or Minimum Straight pipe requirements (2D Upstream / 1D Downstream)
- Design Standards: ASME / MFC-3M, ISO-5167, R.W.Miller, ANSI B31.1 and BS-7045
- Materials: CS, 304SS, 316SS, Alloy 20, Chrome Moly, Monel, Hastelloy, Duplex SS, Etc.

#### PERFORMANCE SPECIFICATIONS:

<b>Accuracy:</b>	+/- 0.75% of Rate – Uncalibrated +/- 0.5% of Rate – Calibrated +/- 0.25% Calibrated (Combined with DP Transmitter – IT3V Option)
<b>Repeatability:</b>	+/-0.1% of Rate (Over entire flow range)
<b>Process Temperature:</b>	Up to 2000 Deg. F (1100 Deg. C)
<b>Pressure Ratings:</b>	Up To 3000 PSI (200 Bar)
<b>Minimum Reynolds Number:</b>	50,000 Rd
<b>Maximum Pressure Loss:</b>	25% to 55% of DP (Depends on pipe size, Beta ratio)
<b>Turn Down Ratio (TDR):</b>	10 to 1 (Higher with stacked transmitters)
<b>Maximum Viscosity:</b>	Up to 5000 cP(centiPoise)



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