


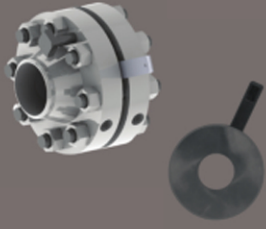
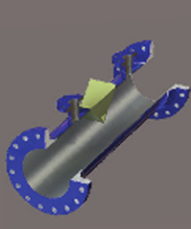





























































Meter Type							
Line Size Range (Inches)	1" to 12"	≥ 1.5"	≥ 0.5"	≥ 0.5"	1/2" thru 24.0"	≥ 2.0"	4.0" thru 48.0"
Permanent Pressure Loss	 33 - 35% of Generated Differential	 3 - 4% of Generated Differential	 AVI = Negligible $AVF = \Delta P = .00024 pV^2 *$ $\Delta P = .000011 pV^2 **$	 50 to 70% of Generated Differential	 30 to 60% of Generated Differential	 40 to 95% of Generated Differential Depending on Beta and R_e	 12 to 30% of Generated Differential Depending on Beta and R_e
Accuracy of Flow Coefficient (% of Measured Rate)	 ± 0.5%	 ± 1.0%	 ± 0.7 to 1.5%	 ± 1.0 to 2.0%	 ± 2.0 to 4.0%	 ± 1.0 to 2.0%	 ± 0.75 to 2.0%
Required Straight Run of Piping	 No upstream straight run required, but Gate Valves should have correct 90° orientation to the sensor	 Upstream and Downstream required (Depending on Disturbance)	 Upstream and Downstream required (Depending on Disturbance)	 Upstream and Downstream required (3D to 75D Upstream Depending upon Beta Ratio and Disturbance, 2D to 9D Downstream)	 Upstream and Downstream required (7D to 30D Upstream Depending on Disturbance)	 Upstream and Downstream required (3D to 80D Upstream Depending upon Beta Ratio and Disturbance, 2D to 8D Downstream)	 Upstream and Downstream required (3D to 30D Upstream Depending upon Beta Ratio and Disturbance, 2D to 8D Downstream)
Rangability (Turndown in Flow)	 20 : 1+	 10 : 1	 20 : 1	 3 : 1	 5 : 1	 5 : 1	 10 : 1
Gas							
Liquid							
Steam							
Slurry							

* English (ΔP in psi, p in lb/ft³, V in A/sec)

** Metric (ΔP in bar, p in kg/m³, V in m/sec)

 Ideal

 Acceptable

 Not Recommended or Least Favorable