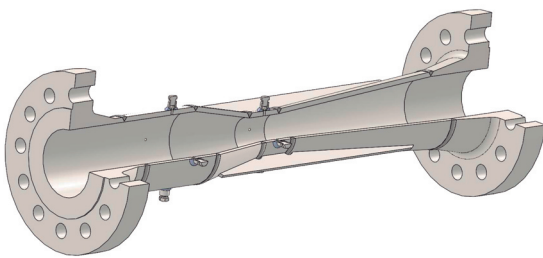


# FLOW

## Venturi (welded sheet plate)

**DESCRIPTION:** This design is normally used in applications where a minimum permanent load loss of the equipment is required, varying this depending on the angle of the outlet cone of this primary element. The new designs of differential pressure transmitters, increasingly precise and capable of integrating a greater number of process variables, confirm the validity of this type of meter.



### APPLICATIONS

- Flow measurement in gases and liquids with suspended solids or mud.
- For all types of industrial plants such as:
  - Energy generation
  - Chemical and petrochemical industries.
  - Renewable energy
  - Food industry
  - Water treatment

### DESIGN

- <b>Calculation standards:</b>	ISO 5167-4 / AGA ASME MFC-3M
- <b>Materials:</b>	Carbon steels, low alloys and steel alloys. Stainless Steel and high alloys.
- <b>Size of Manufacture:</b>	8" - 48"
- <b>Flange finishes:</b>	Butt weld, Flanged (RF, FF, RTJ).

### SPECIFICATIONS

- <b>Beta:</b>	0.4-0.7 (ISO) / 0.3-0.75 (ASME)
- <b>Reynolds:</b>	2x10 <sup>5</sup> -2x10 <sup>6</sup> (ISO) / 2x10 <sup>5</sup> -6x10 <sup>6</sup> (ASME)
- <b>Accuracy:</b>	1.5% (ISO) / 1.5% (ASME)

### NOTES

- **Maximum operating temperature:** According to the rating of the flanges, pipe thickness and materials used.
- **Maximum operating pressure:** According to the flange rating, pipe thickness and materials used.