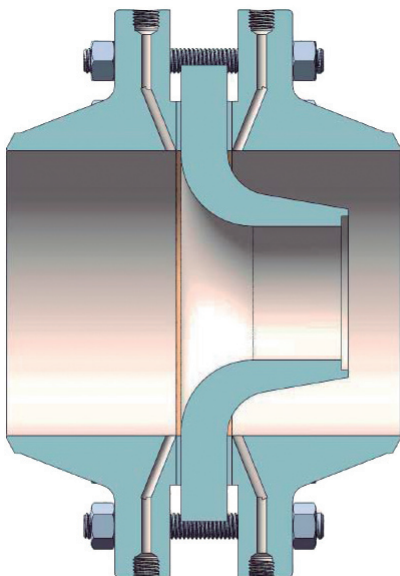
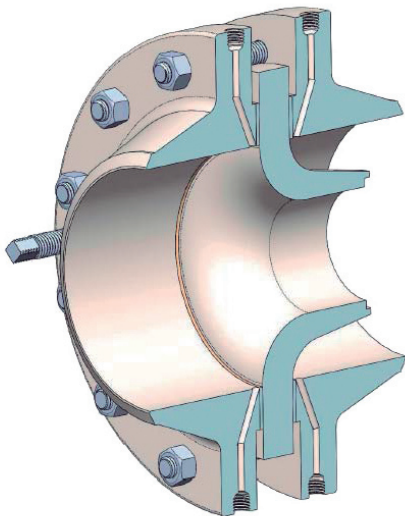


FLOW

Flow Nozzle (ISA 1932)

DESCRIPTION: This flow measurement device has a more robust design than the orifice plate and with an elliptical profile, which makes it used in water vapor measurements, in processes with high fluid speed or for performance evaluations of complete units. 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 liquids, gases and high-pressure steam
- For all types of industrial plants such as:
 - Energy generation.
 - Chemical and petrochemical industries.
 - Renewable energy.
 - Food industry.
 - Water treatment.

DESIGN

- Calculation standards:	ISO 5167-3 ASME MCF-3M
- Materials:	Carbon steels, low alloys and steel alloys (flanges). Stainless steel and high alloys (Nozzle).
- Size of Manufacture:	2" - 20"
- Flange finishes:	RF, FF, RTJ.

SPECIFICATIONS

- Beta:	0.3 - 0.8
- Reynolds:	$7 \times 10^4 - 10^7$ ($0.3 \leq \beta < 0.44$) $2 \times 10^4 - 10^7$ ($0.44 \leq \beta \leq 0.8$)
- Accuracy:	1 - 2%

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.