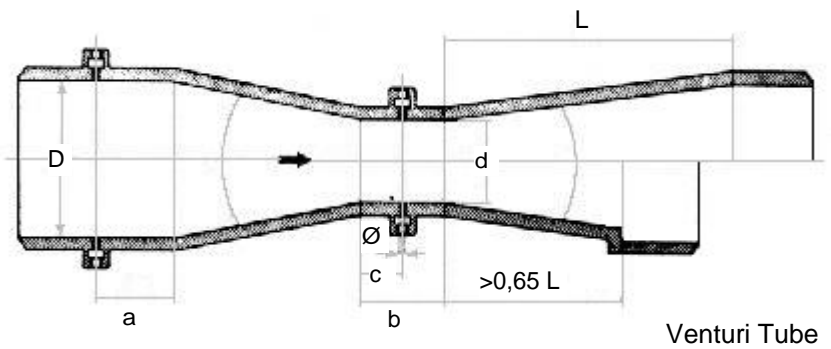
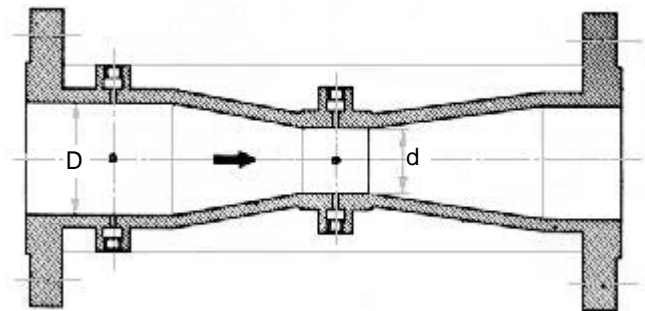


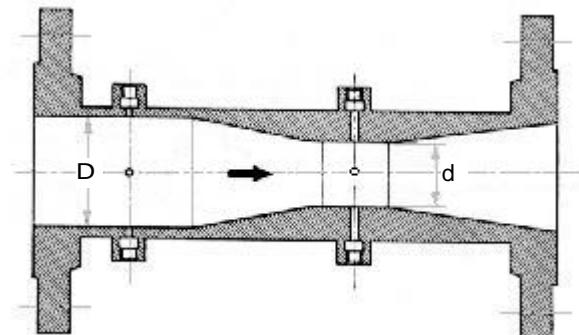
Classical (HERSCHEL) Venturi tube manufactured according to ASME PTC 19,5,4, ASME FLUID METERS e ISO 5167. Manufactured by welding sheet with or without piezometric rings with longitudinal stiffeners connections flanged or bevelled per ANSI B16.25. Manufactured one piece type for size from DN50 to DN200 with or without piezometric rings. Recommended when it is important to keep the net pressure permanent loss at a minimum.



Venturi Tube

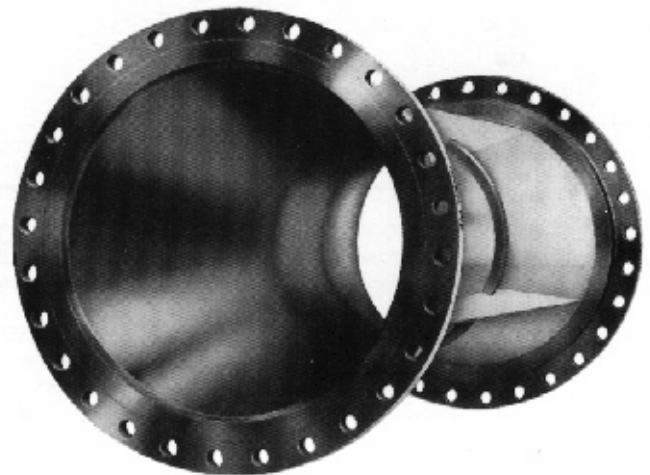


Venturi Tube with reduced outside



Venturi Tube with reduced inside

Venturi tubes can be manufactured according to ISA R871, UNI 2324, BS 1042, part1, DIN 1952, AFNOR NF X10-102, ISO 5167. Finished pieces are punched with: tag, pipe material, nominal size, throat diameter, rating, flow direction.



Flow Calculation

To determine throat diameter and venturi shape it is necessary to specify:

- Venturi tube execution type
- Type of chart and differential required
- Pipe diameter
- Flange diameter
- Installation (vertical or horizontal)
- Allowable permanent pressure loss or "X" outlet angle
- Maximum flow
- Average flow
- Operating pressure
- Base pressure
- Operating temperature
- Base temperature
- Specific gravity (at base and operating conditions. Gases should be related to air).
- Absolute viscosity in "centipoises" at operating conditions.
- Fluid and medium conditions

<u>Pipe Diameter in mm</u>	<u>Length in mm</u>
50	200
70	225
80	225
100	250
125	275
150	300
175	325
200	350
225	400
250	450
300	550
350	625
400	700
450	750
500	800
600	900
700	1000
800	1200
900	1400
1000	1600
1100	1700
1200	1800
1300	1900
1400	2000
1500	2100
1600	2200
1700	2300
1800	2400
1900	2500
2000	2600

One piece type for sizes from DN 50 to DN 200. Manufactured by welding sheet with convergent entrance section manufactured from forged piece for sizes from DN 250 and up.

