

Venturinozzle

We offer individually manufactured Venturi nozzles according to DIN EN ISO 5167 and VDI/VDE 2041.

The nozzles are throttling devices which measure the volume flow (or mass flow) according to the differential pressure principle. The static pressure is recorded upstream of the nozzle inlet and in the throat of the nozzle by means of a ring line. With this measuring principle, the volumetric flow can be measured very accurately, with low pressure loss at the same time.

We design the measuring nozzles according to customer requirements and manufacture them from aluminium (on CNC lathes) or from GRP by moulding on a negative mould.

We can offer DAkkS or comparable accredited calibration on our own test stand up to 4,500 m³/h, or beyond that in partner laboratories, ISO or factory calibration is also possible.



Fig. 1 Venturinozzle made of aluminum