

TECHNICAL DATA SHEET (DN100)*

Applications

- ▷ Gas-mass-transfer into liquids (gas/liquid)
- ▷ Mixing processes for liquids (liquid/liquid)
- ▷ Mixing of solids into liquids (solids/liquids)

Application examples

- ▷ Ozonation (ozone gas into liquids)
- ▷ Oxygenation (oxygen into liquids)
- ▷ Aeration (air into liquids)

System design

Fully implemented in a T-piece, the Roturi® is ready to operate. Depending on the specifics of the existing system such as pipe diameter, flow rate, site location, etc. the Roturi is connected with or without reducers.

Either plug&play, frame mounted, ready to operate skids or single component delivery is possible.

Standard sizes

DN100	DN200	DN300
		



Technical data (DN100) *

Measures (LxWxH):	27cmx25cmx54cm
Hydraulic flow**:	0,5 - 20m³/h
Power connection:	380/400V, 1,5kW, 3A 3-phase (neutral/ground)
Material:	1.4571 (1.4462 on demand)
Power consumption:	0,7kW** @ 5m³/h
Ambient temp:	5 - 35°C
pH:	4 - 12

Main components

- ▷ Roturi® in T-piece with special hood
- ▷ Sealing water protection with High Performance-Fluid HPF500
- ▷ Servo inverter
- ▷ Gas connection with flex hoses Ø 8-20mm; PTFE hose with stainless steel jacket

Optional components

- ▷ Reducer eccentric DN100 to existing pipe diameter
- ▷ Mounting platform and/or mobile Skid
- ▷ Vibration control
- ▷ 4-20mA error signal alarm
- ▷ Electrical cabinet
- ▷ Backflow protection for additional protection of connected aggregates

* Technical changes and/or modifications and errors subject to change.

** Depending on application and gas flow