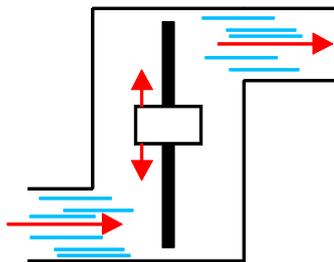
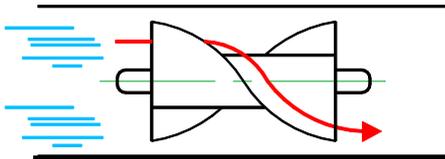
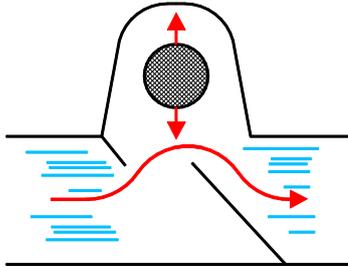
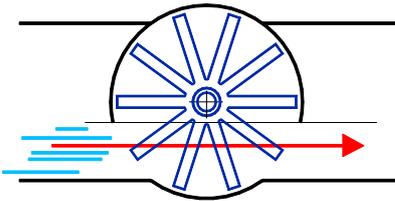


TECHNOLOGY



Rotor

The liquid or the gas to be monitored enters into a viewer pipe and can be controlled both in terms of quality and flow. The speed of rotation of the rotor is directly proportional to the speed of the fluid under control.

Sphere

The liquid or the gas to be monitored enters into a transparent dome inside which is housed a sphere. The position of the sphere inside the transparent dome is proportional to the speed of the fluid under control.

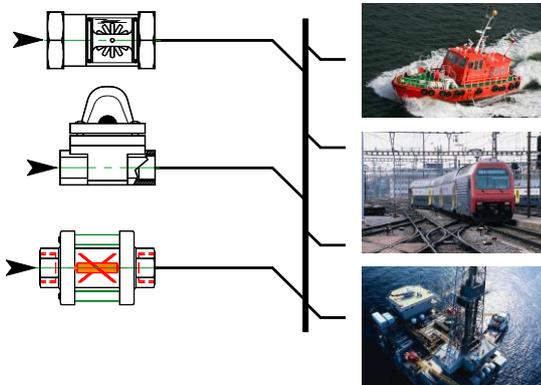
Turbine

The liquid or the gas to be monitored enters into a viewer pipe inside which is housed a turbine. The speed of rotation of the turbine is directly proportional to the speed of the fluid under control.

Piston

The liquid or the gas to be monitored enters into a transparent glass pipe inside which is housed a piston. The position reached by the piston inside the pipe is proportional to the speed of the fluid under control.

FIELDS OF APPLICATION

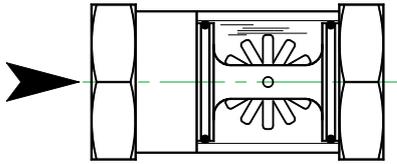


- Displaying the flow of liquids and gases
- Dosing systems
- Checking the ink on the printing machines
- Checking the lubrication on machine tools
- High pressure circuits
- Cooling circuits
- Industrial processes
- Chemical industry

ADVANTAGES

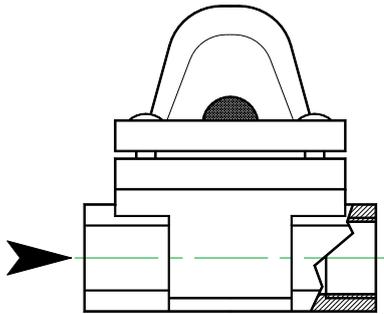
- Simple structure devices
- Easy installation

SYSTEM DESCRIPTION



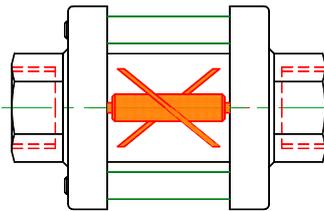
Rotor

The rotor is an element that displays the flow with several rotating paddles positioned orthogonally to the direction of flow. The rotor is supported by a rotation axis with ball bearings to reduce the friction and increase the stability of rotation. The speed of rotation is proportional to the flow rate.



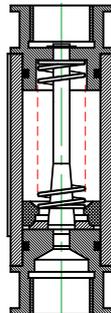
Sphere

The control of the speed and flow rate of the fluid is entrusted to the position assumed by the sphere inside the dome made of transparent material. The position of the sphere is proportional to the flow rate of the fluid under control.



Turbine

The element that displays the flow velocity is a turbine with spiral paddles oriented in the flow direction. The turbine is supported by a rotation axis with ball bearings to reduce the friction and increase the stability of rotation. The speed of rotation is proportional to the flow rate.



Piston

A piston which slides along a shaft is housed inside a transparent viewer pipe. The position assumed by the piston along the shaft is directly proportional to the flow of the fluid under control.

TECHNICAL DATA

Concept	Rotor - Sphere - Turbine - Piston	
Process connection	1/4" ÷ 2"	DN08 ÷ DN50
Type of connection	Threaded	
PN	PN10 ÷ PN25	
Flow	Up to 190 l/min.	
Max. temperature	200 °C	
Materials	Brass – Stainless steel – Polypropylene	