

Type MN80

Oval gear meters for industrial fluids



Features

- Large viscosity range
- Good accuracy
- Aluminium housing
- Mechanical or electronic register, ex-proof, can be mounted upon request

Description

The volumetric meters of the MN-series are working on the oval gear measurement principle. Their simple design makes maintenance on site easy. Only two rotative parts are in contact with the fluid.

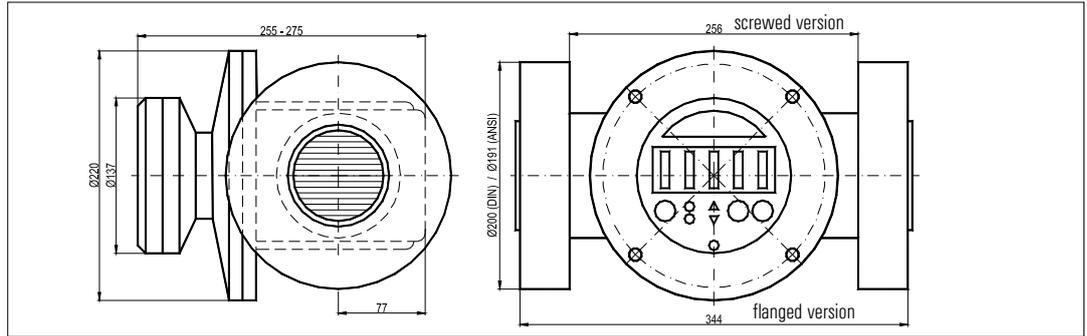
Applications

The modell MN80 is suited for flow measurement of mechanically pure fluids within a large viscosity range.

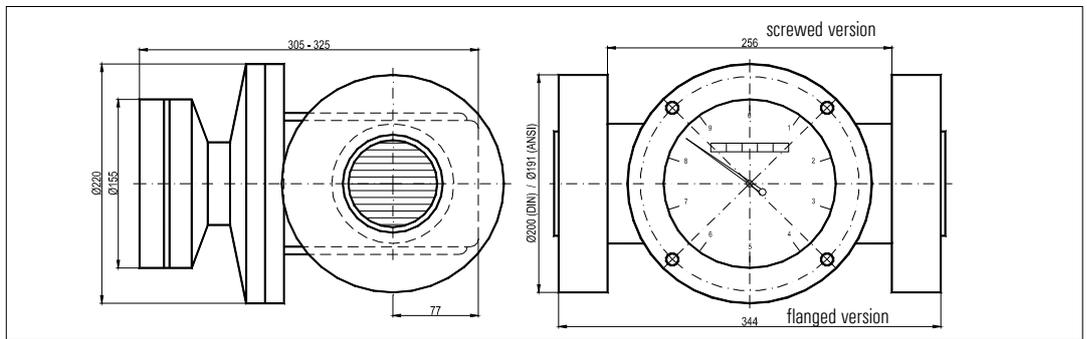
Technical data

Model	with pulse transmitter	with electronic display	with mechanical display
Size	DN 80		
Flow range	under 5 mPas: 1200 - 43980 l/h, over 5 mPas: 3960 - 36960 l/h		
Accuracy	±0,5% of value		±1% of value
Repeatability	0,03%		
Max. viscosity	1000 mPas		
Max. pressure	12 bars	12 bars	12 bars
Max. temperature	80°C / 120°C / 150°C		
Pulse rate	2.59 PPL	2.59 PPL	10 PPL
Pulse transmitter	Reedswitch		---
Recommended filter unit	0,1 mm		
Register	none	electronic	mechanical**
Process connections	3" BSP / NPT	DIN DN 80	ANSI 3"
Housing material	Aluminium / Stainless steel 316L		
Oval gear material	Aluminium / Stainless steel 316L		
Option	Pulse transmitter with hall effect sensor; Standard LCD display; EEx-i LCD		

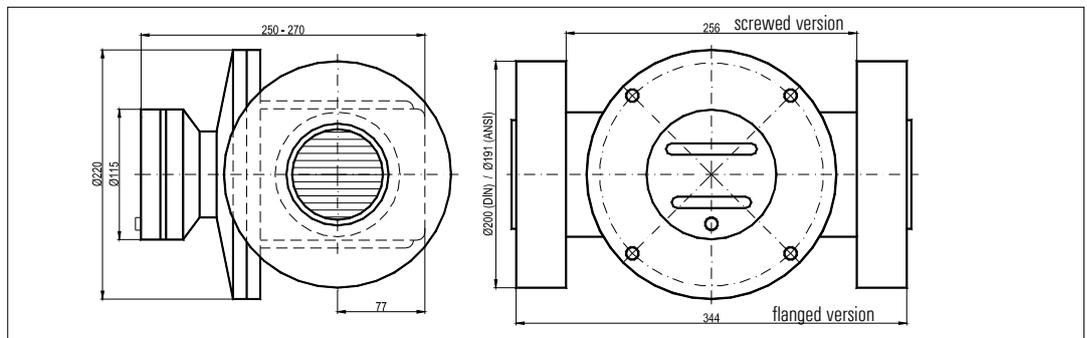
MN80 with deluxe display



MN80 with mechanical display analog



MN80 with mechanical display



MN80 with pulse transmitter

