



Badger Meter Europa

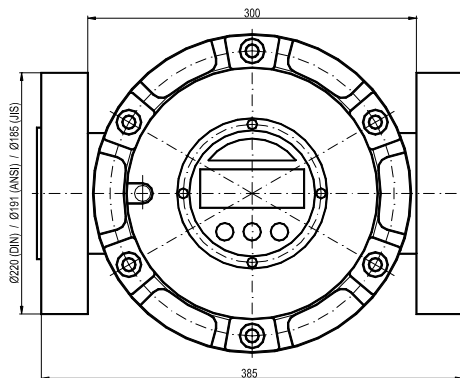
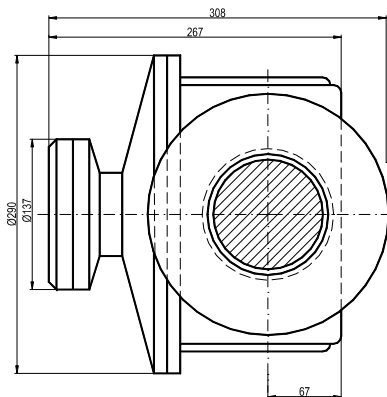
Oval gear meters Type MN100

for industrial fluids

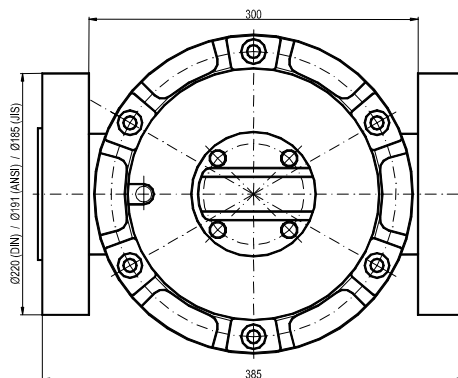
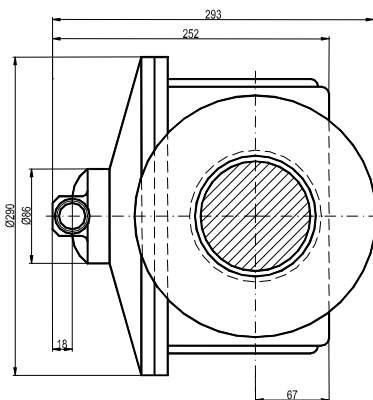
General

The volumetric meters of the MN-series are working on the oval gear measurement principle and are ideally suited for flow measurement of mechanically pure fluids within a large viscosity range.

Their simple design makes maintenance on site easy. Only two rotative parts are in contact with the fluid.



MN100 with LCD display



MN100 with pulse transmitter

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This model is only available in aluminium. Mechanical as well as electronic registers, ex-proof, can be mounted upon request. The maximum operating pressure for the type MN100 is 10 bars.

Technical data

Type	MN100		
Model	with pulse transmitter	with standard display	with deluxe display
Size	DN 100		
Flow range	under 5 mPas: 300 – 1200 l/min over 5 mPas: 120 – 1200 l/min		
Accuracy	±0,5% of value		
Repeatability	0,03%		
Max. viscosity	1000 mPas		
Max. pressure	10 bars*		
Max. temperature	80°C	70°C	60°C
Pulse rate	2.315 PPL		
Pulse transmitter	Reed switch / Hall effect or reed / hall		
Pulse type	Dual reed switches**		
Recommended filter unit	0,1 mm		
Process connections	ANSI 150lb	JIS 10K or DN 100 PN16	
Housing material	Aluminium		
Oval gear material	Aluminium		
Option	Standard display intrinsically safe / Deluxe display intrinsically safe / Mechanical display with pulse option P500		

*Meets European pressure directive 97/23/EC

**Reed switch required for standard and deluxe LC displays.

Note: There are two pulse outputs available (one for the register, one for external systems).