

OVAL WHEEL METER SMALL-OI



MAIN CHARACTERISTICS

Product Type:	direct volume meter (Single-Case)
Application:	Volume / flow measurement of liquids
Measuring accuracy:	up to ± 0.3 % of measured value (optional ± 0.1 %)
Ex-approval:	Zone 1
Process temperature:	-60°C up to 180°C
Process pressure:	up to 40 bar
Housing material:	stainless steel, Brass, Aluminium (Electronic housing)
Wetted parts:	stainless steel, Bronze (Oval wheel meter)
Power supply:	none / NAMUR
Output / Display:	none / pulse output 1- or 2-channel acc. to NAMUR / mechanical indicator Type R7
Process connection:	Pipe fitting, Flange acc. to DIN or ANSI
Special features:	no inlet and outlet pipe section required

MEASURING RANGE

These units are designed with plain bearings to guarantee maximum service life and reliability

Viscosity in mPa·s				0.3–0,8	0.8-2	2-50	50-150	150-350	350-1000
Type	DN	Q _{max} [l/min]	Flow rate	[l/min]	[l/min]	[l/min]	[l/min]	[l/min]	[l/min]
OI03	6 / 15	2	min	0.3	0.2	0.2	0.18	0.1	0.03
			Continuous	1	1.3	1.8	1.8	1	0.4
			max	1.6	2	2	1.8	1	0.4
OI06	10 / 15	4,11	min	0.6	0.4	0.4	0.3	0.2	0.08
			Continuous	2.1	2.6	1.8	3.7	2.1	0.8
			max	3.3	4.1	4.1	3.7	2.1	0.8
OI1	15	10	min	1.6	1	1	0.9	0.6	0.2
			Continuous	5	6.6	9	9	6	2
			max	8.3	10	10	9	6	2

Further information and product variants are available on request

