

OVAL WHEEL METER 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
- Wetted parts: stainless steel
- Power supply: NAMUR
- Output / Display: mechanical display, pulse output acc. to NAMUR
- Process connection: Flange acc. to DIN or ANSI
- Special features: low pressure loss, no inlet and outlet section required

MEASURING RANGE

Ball bearing

Viscosity in mPa·s				1.5 - 20	up to 350	up to 2000	up to 5000	up to 10000	up to 20000	up to 60000	up to 100000
Type	DN	Q _{max} [l/min]	Flow rate	[l/min]	[l/min]	[l/min]	[l/min]	[l/min]	[l/min]	[l/min]	[l/min]
OI5	25	50	min	15	5	2.5	1.2	0.6	0.3	0.1	
			max	50	50	25	12	6	3	1	
OI10	25	100	min	30	10	8	4	2	1	0.3	
			max	100	100	80	40	20	10	3	
OI50	50	300	min	60	30	15	7.5	4	2	1	0.6
			max	300	300	200	150	80	40	12	6
OI200	80	700	min	140	70	30	15	10	4	3	1
			max	700	700	700	350	180	80	25	12
OI400	100	1200	min	240	120	60	35	17	10	4	2
			max	1200	1200	1200	700	350	180	50	25

For Newtonian liquids

Further information and product variants are available on request

