

# OVAL WHEEL METER OP 15-50



## MAIN CHARACTERISTICS

Product Type:	direct volume meter (Double-Case)
Application:	for flow and volume measurement of liquids of medium viscosity
Measuring accuracy:	up to $\pm 0.3$ % of measured value (optional $\pm 0.15$ %)
Ex-approval:	Zone 1
Process temperature:	-10°C up to 70°C (AG01), up to 90°C / 110°C (AG19, AG20) up to 170°C with temperature extension
Process pressure:	up to 40 bar
Housing material:	stainless steel, cast steel
Wetted parts:	stainless steel
Power supply:	none (basic model), NAMUR, 24 VDC
Process supply / Display:	NAMUR pulses (AG19 / AG20), Open collector (AG01) / mechanical Display
Process connection:	Flange acc. to DIN or ANSI
Special features:	very simple operation, works without auxiliary energy, no inlet and outlet pipe section required

## MEASURING RANGE

Viscosity in mPa·s				< 0.3	0.3 – 1.5	1.5 - 150	150-350	350-1000	1000-3000
Type	DN	Qmax [l/min]	Flow rate	[l/min]	[l/min]	[l/min]	[l/min]	[l/min]	[l/min]
OP15	15	30	min	4.5	5	3	1.5	0.075	0.25
			Continuous	9	19.8	19.8	15	7.5	2.5
			max	22.5	27	27	15	7.5	2.5
OP20	20 / 25	50	min	8	5	5	2.5	1.25	0.45
			Continuous	10	33	33	25	12.5	4.5
			max	40	50	50	25	12.5	4.5
OP32	32	100	min	8	10	10	7	3.5	1.2
			Continuous	16	66	66	70	35	12
			max	80	100	100	70	35	12
OP40	40	150	min	12	15	15	9	4.5	1.5
			Continuous	24	99	99	90	45	15
			max	120	150	150	90	45	15
OP50	50	150	min	50	30	30	18	9	3
			Continuous	100	198	198	180	90	30
			max	250	300	300	180	90	30

## OPTIONS

Pulse pick-up: AG19, AG20, AG01

Mechanical local display: single pointer totalizer E, double pointer totalizer D, mechanical counter M5, mechanical counter volume pre-setting M5V

Further information and product variants are available on request

