

# HiFlow®

## Series 'J' Vane Meters DN 150 - 300 (6" - 12")

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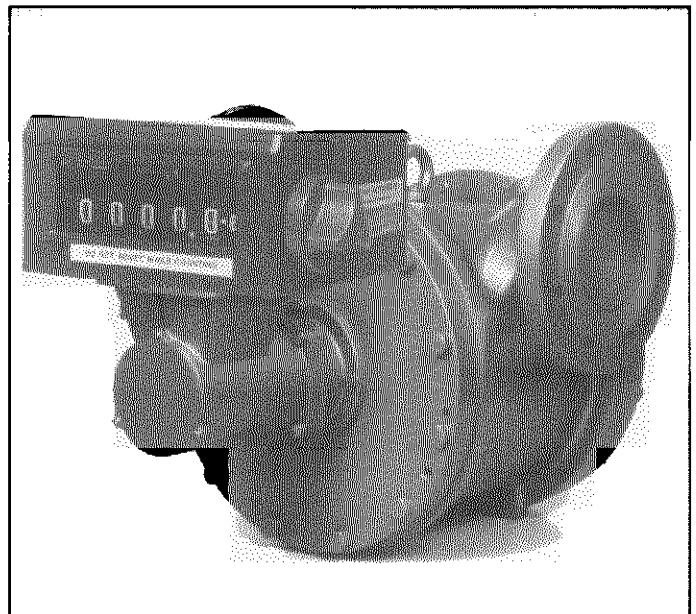
Series 'J' HiFlow® positive displacement liquid flowmeters can be used in continuous metering applications, in-line blending processes, metered deliveries as well as for batching applications such as the filling of storage tanks, and in mixing or reaction vessels.

#### Benefits

- Standard VAF meters include design features that other models only offer at extra cost; thus saving on initial purchasing price.
- No need for external viscosity and specific gravity settings. A single meter model is suitable for different liquids and various physical conditions.
- Standard VAF meters are suitable for a wide viscosity range without affecting the calibrated accuracy within the specified measuring range.
- Easy and consequently low-cost maintenance and service because of simplified construction and lesser internal parts.

#### Features

- Can be supplied with calibration certificate, test and materials certificates according to DIN 50049.3.1b.
- Measuring tolerance better than  $\pm 0.1\%$  of the actual flow for a measuring range of 1:10; better than  $\pm 0.3\%$  for a measuring range of 1:20.
- Higher accuracies and ranges on request.
- Reproducibility better than  $\pm 0.05\%$ .
- Non-pulsating measuring principle.
- Low pressure drop.
- Self-cleaning properties prevent sediment depositing on inner parts of the flowmeter.
- Local and/or remote registration. Choice of electric pulse frequency transmitters to provide control signals for further processing instrumentation. A wide variety of electronic instrumentation available from standard production.



#### Liquids

VAF positive displacement flowmeters are suitable for acids, alkalines, cleansing liquids, solvents, water, edible oils and fats, glucose, paint, all petrochemical liquids from LPG to bitumen, alcohol, glue, salt solutions, and many other chemical liquids.

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