

Rate of Flow Indicators

Whenever an accurate indication of flow rate is required to be displayed, all bulk meters can be supplied with a mechanical Rate of Flow Indicator. The unit is of a low torque design with an instantaneous response. It is ideally suited for test rigs and wherever accurate flow rate indication is necessary.

DESIGN FEATURES

- Quick response
- Direct positive drive
- Compact, rugged and reliable
- Linear scale over meter flow range

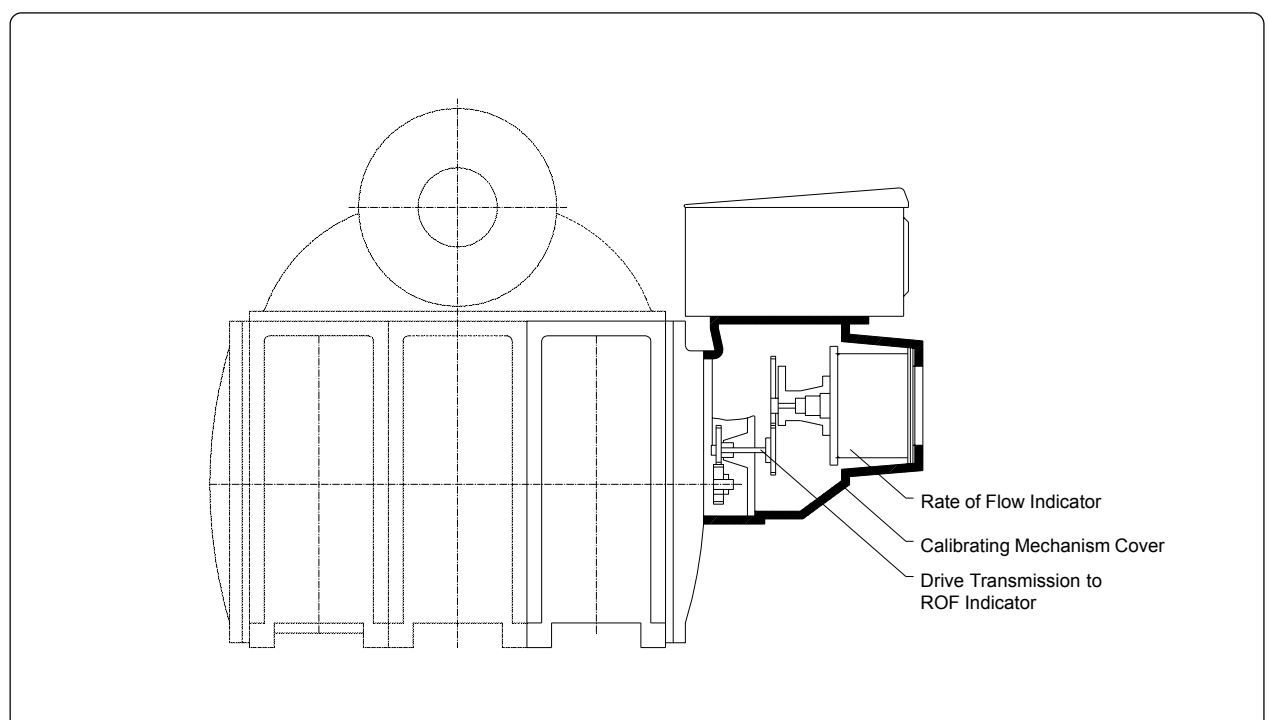
PRINCIPLE OF OPERATION

The mechanical Rate of Flow Indicator is a calibrated and compensated tachometer. A direct positive drive transmits the rotor's speed to the Rate of Flow Indicator. The calibrating mechanism cover of the bulk meter is specially designed for such an arrangement. The Rate of Flow Indicator enables to maintain a definite minimum or maximum flow rate through the bulk meter.

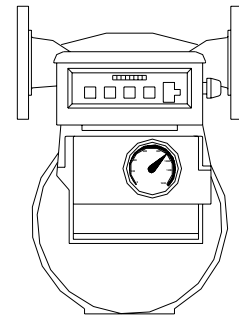
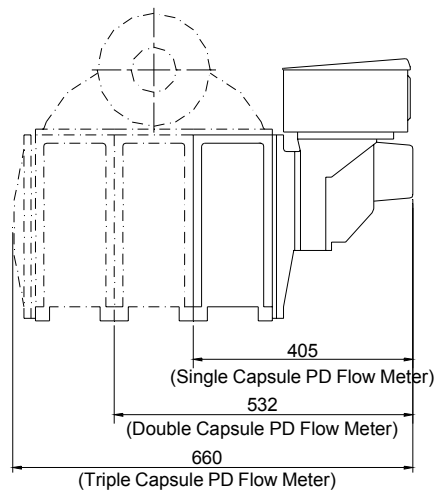


APPLICATION

- Aircraft refuelling
- Transformer oil filtration plants.
- Batching, blending, dispensing in petroleum, chemical and process control industries
- Test rigs



OVERALL DIMENSIONS



NOTE : For other dimensions, refer catalogue of PD Flow Meters.

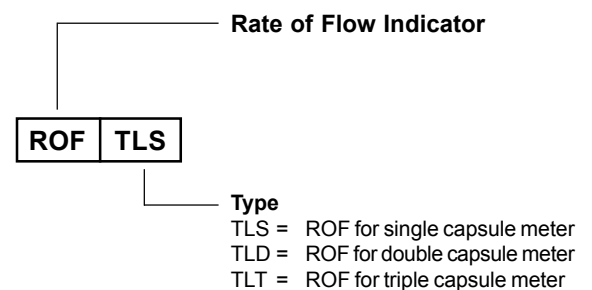
SPECIFICATIONS

Type	: Magnetic induction eddy current
Range	: 0 - 1800 lpm (for single capsule meter) : 0 - 2600 lpm (for double capsule meter) : 0 - 4000 lpm (for triple capsule meter)
Readout	: Litres per minute
Accuracy	: $\pm 2\%$ F.S.D.
Dial Size	: 80 mm
Drive	: Rigid direct drive
Housing	: Weatherproof
Mounting	: On flow meter

MATERIALS OF CONSTRUCTION

Housing	: Electroplated steel
Dial	: Screen printed aluminium
Magnet	: Alnico
Spring	: Phosphor bronze

MODEL DESIGNATION



- ◆ Specifications are subject to change without notice.
- ◆ All dimensions are in mm unless otherwise specified.

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