

- Small Capacity Flowmeters
- Proven Rotary Piston design
- High Accuracy
- Suitable for Natural Gas, LPG and other non aggressive gases
- Ideal for Gas / LPG distribution and burner consumption measurement

Construction

Housing Aluminium

Rotors Aluminium

Bearings Stainless Steel

Maximum Operating Pressure 1.0 Bar (Standard)

3.0 Bar (Optional)

End Connections G 3/4" (M)

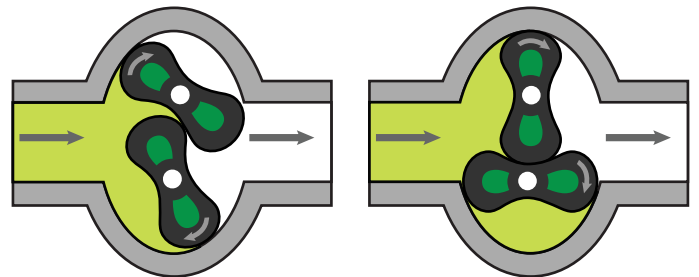
Counter 5 + 3 Digits, Non resettable

Miniature RPD Gas Flowmeters LRZ-09 Series



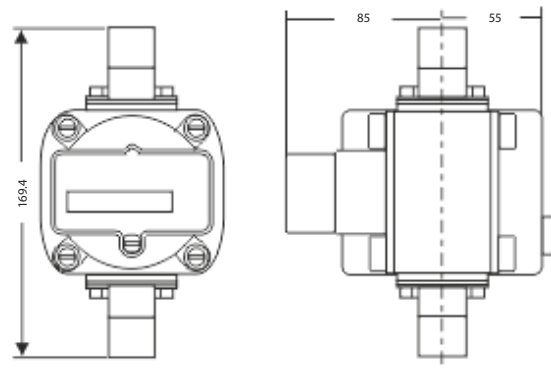
Operating Principle

Two figure eight shaped rotors are geared through external synchronization gears. The clearance between the rotors and the housing is small in order to minimise leakage. For every full revolution, each rotor transports a defined volume from inlet to outlet. The rotors in turn drive a counter. The counter is geared to indicate the volume passed through the meter in the appropriate units.



Performance

Model	LRZ-09-G 2.5	LRZ-09-G4.0	LRZ-09-G 6.0
Q_{max} Am ³ / hr	4.0	6.0	10
Q_{nom} Am ³ / hr	2.5	4.0	6.0
Q_{min} Am ³ / hr	0.06	0.07	0.08
Accuracy $Q_{max} > Q > 0.05 Q_{max}$	1.5%	1.5%	1.5%



Dimensions

About Rockwin

Rockwin an ISO 9001 company, has been designing, manufacturing, calibrating, and marketing high quality Turbine Flowmeters and related equipment for Oil, & Gas, Chemicals & Fertilizers, Pharmaceuticals, Power, Steel, Defense and other major industries since 1976. The company has continued to grow steadily over the years integrating diverse technologies to solve complex measurement problems / needs. Combining technological advances with stringent safety standards, corporate social responsibilities and green values are its hallmark. The product line includes Inline, Insertion, Custody Transfer Meters, Fuel Gas Turbine Flowmeters, Positive Displacement Flowmeters, Other Flowmeters and a wide range of reliable Flowmeters Accessories.

Rockwin In House Calibration Lab

Rockwin's certifications include

- ISO 9001
- PED (Directive 97/23/EC) Module H
- NABL accreditation to ISO / IEC 17025
- ATEX



Rockwin's Calibration Facilities are accredited by NABL(National Accreditation Board for Testing and Calibration Laboratories) and in accordance with ISO / IEC 17025.

Other Flowmeters From Rockwin



Fuel Gas Turbine Flowmeter
10 m³ / hr to 2500 m³ / hr



Electromagnetic Flowmeter
1.8 m³ / hr to 3053 m³ / hr



Liquid Turbine Flowmeter
0.03 m³ / hr to 7000 m³ / hr



Custody Transfer
Turbine Flowmeter
27 m³ / hr to 4000 m³ / hr



Screw Volumeter
0.2 LPM to 5000 LPM



Coriolis Mass Flowmeter
0.004 kg / min to 30000 kg / min

Development dictates that from time to time the data shown above is subject to change without notice. Please obtain a quotation.

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