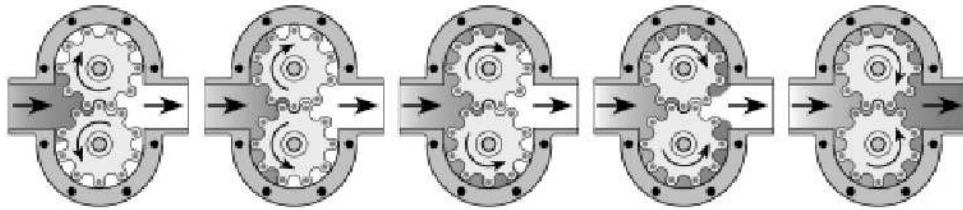




Packaging Dynamics, Ltd.

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Flow Meter Technology



Principle of Operation

Description: An economical, easy to use and accurate flow measurement system. Positive displacement flowmeters use two rotating impellers driven by the flowing liquid. Magnets imbedded in the impellers activate a non-intrusive sensor which generates a pulsed output signal. Each pulse represents a known volume of liquid that is captured between the lobes of the impellers. A K-Factor converts the pulses into engineering units for remote data collection and digital display.

Features:

- Various Flowmeter Sizes
- Stainless Steel Construction
- Superior Reliability and Accuracy, +/- 0.5% or better
- Only Two Moving Parts
- Bearingless Design
- Handles Viscosities from Water Thin to Thick Creams
- No Motors or Clutch Brakes
- Easy to Install and Maintain
- Operating Temperatures up to 250 Degree F
- Wide Range Applications
- Non-Intrusive Sensor
- Not Limited to Capacity



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