

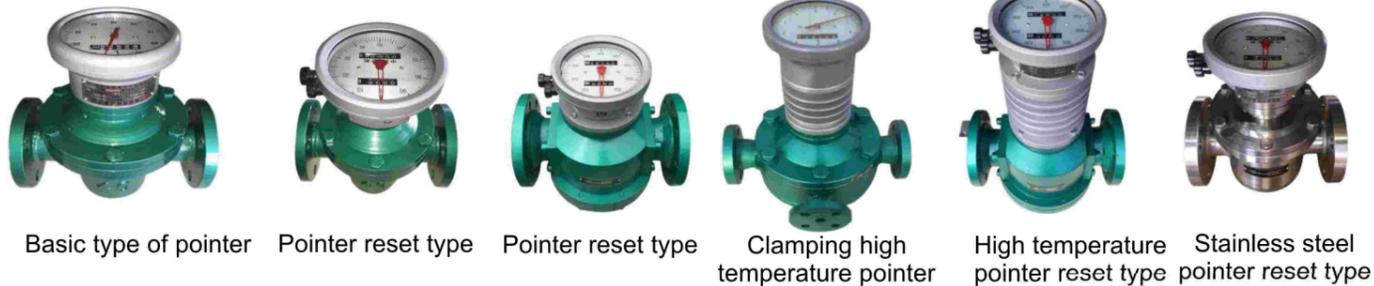


Overview

EDMOval gear flowmeter is a volumetric meter for continuous or intermittent measurement and control of liquid flow in a pipeline. It has many advantages, such as large range, high accuracy, small pressure loss, strong viscosity adaptability, measurement of high temperature and high viscosity liquid, convenient calibration, installation suggestion and so on. It is suitable for flow measurement in petroleum, chemical, chemical fiber, transportation, commerce, food, medicine and health departments.

LC series oval gear flowmeter is equipped with a pointer and printing wheel accumulation device, and can directly display the liquid accumulation flow through the pipeline on the spot. The accumulative, quantitative and instantaneous flow remote transmission control can be realized by attaching the transmitter and the electric display instrument to the counting mechanism. High temperature and high viscosity liquid can be measured by adding radiator or ellipsoid under tooth. The flowmeter for different liquids (acids, bases, salts, organic solutions, etc.) can be made of different materials.

LC Series Oval Gear Flowmeter



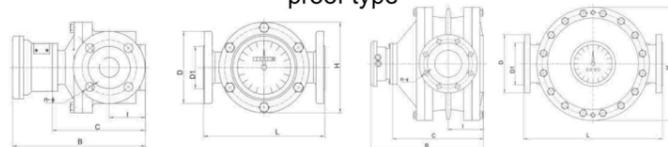
Basic type of pointer Pointer reset type Pointer reset type Clamping high temperature pointer High temperature pointer reset type Stainless steel pointer reset type

Dimensions

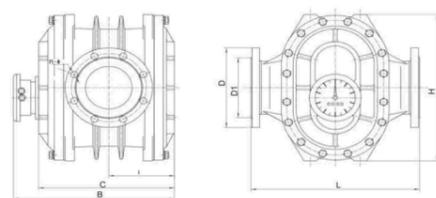
DN	L	H	A	B	D	D1	N	Ø
10	150	100	165	210	90	60	4	14
15	170	118	172	226	95	65	4	14
20	200	150	225	238	105	75	4	14
25	260	180	232	246	115	85	4	14
40	245	180	249	271	145	110	4	18
50	340	250	230	372	160	125	4	18
65	420	325	270	386	180	145	4	18
80	420	325	315	433	195	160	8	18
100	515	418	370	458	215	180	8	18
150	540	515	347	557	280	240	8	23
200	650	650	476	720	335	295	12	23



LCD Output Type 4-20mA or RS485 Stainless steel LCD explosion proof type Liquid crystal explosion proof type



DN10~DN40 DN50~DN100



DN150, DN200

Above oval gear flow meter drawing is DIN PN16 flange, other standards can be provided on request.
(A) Cast iron type; Cast iron high viscosity type; High temperature cast iron type; Other cast iron type (Units:mm)

Parameters

Transmitter Type	Pointer with zero returning, Pointer display with Output, LCD display
Medium / Application	Oil, Light Palm Oil, Diesel Fuel, Kerone
Accuracy	±0.2%, ±0.5%
Nominal Diameter	DN8~DN200 (1"~4")
Nominal Pressure	1.6~6.3MPa
Medium Temperature	-20 °C~+250 °C
Medium Viscosity	2~10000mPa.s
Power Supply	12VDC, 24VDC
Output Signal	Pulse, 4~20mA, RS485
Display	Accumulative Flow, Single Measurement(Mechanical Dial) Remote transmission of total and instantaneous flow
Error Adjustment	Changing Gear Adjustment
Level Of Protection	IP65
Explosion Proof	Flame-proof Type, ExdIIBT4
Ambient Temperature	-20°C ~+55°C
Sensor Material	Cast Iron, Cast Steel, Stainless Steel
Sensor Connection	Flange, Thread, Tri-clamp