

GENERAL SPECIFICATIONS

TOKICO

GS-F1080E-02

MECHANICAL OIL FLOWMETER with LARGE COUNTER



Overview

MECHANICAL OIL FLOWMETER with LARGE COUNTER is a flowmeter especially designed for oil measurement suitable for kerosene, light oil, heavy oil transaction.

Features

- **Large and Easy-to-read Counterface**

Large clear numeral counter unit allows to read measurement easily from a distance.

- **Simple Zero Resetting System (Shutter Incorporated System)**

Clicks of knob allows to reset zero easily. During the zero resetting, the counter face is covered with a shutter for preventing the counter from being read before the zero resetting has been completed, thus enabling to avoid oil feed error to occur.

- **Superb Durability**

As the structure is simple, the meter is serviceable for many years, maintaining the initial high accuracy.

- **High Accuracy**

A high measuring accuracy of $\pm 0.5\%$ is available.

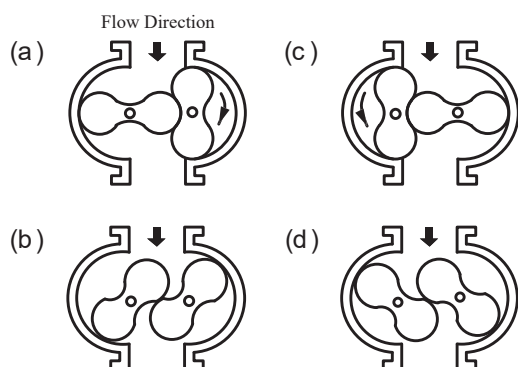
- **Low Pressure Loss**

Pressure loss is minimal. Excellent performance is demonstrated even with such high viscosity fluids as heavy oil.

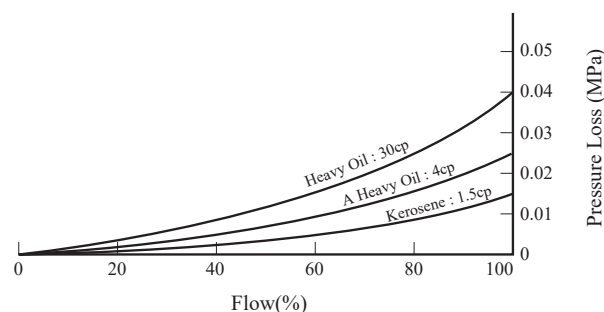
Standard Specification

Applicable Fluid		Kerosene, Light oil, Heavy oil
Accuracy		± 0.5%
Flow Rate Range		0.1 ~ 15 m ³ /h
Fluid Temperature		Kerosene, Light oil Max. 50℃
Max. Working Pressure		1 MPa
Connection Size		40mm (1 ½ B) ~ 50mm (2 B)
Flange Rating		JIS 10 K FF
Material	Body	FC250
	Roots	ADC12
	Rotor Shaft	SUS403
	Bearing	C5191B-H or FC200
	Gasket	Non-asbestos
Totalizing Unit	Totalizing Counter	7 digits min. digits 10L
	Reset Conuter	4 digits min. digits 1L
	Pulse Transmitter	without Attachment
Piping Installation		Horizontal or Vertical Piping
Paint Color		Silver

Principle of Operation



Performance Characteristic



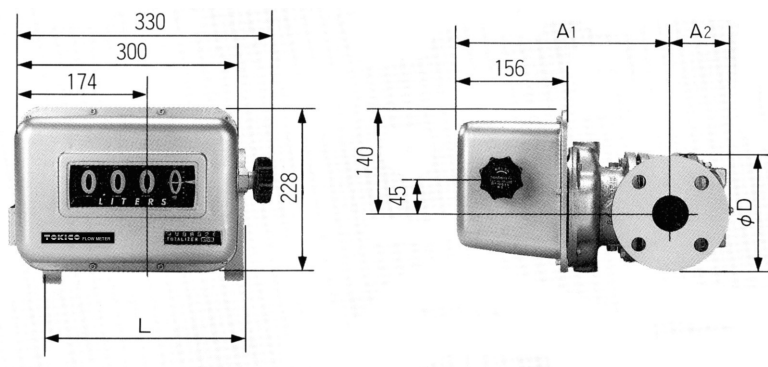
Flow Range

Capacity Model	Conn.Size (mm)	Flow Range (m ³ /h)		
		Use Condition	Accuracy ±0.5%	
			Kerosene • Light oil	Heavy oil
38	40	Intermittent	0.8~7.0	0.1~7.0
		Continuous	0.8~4.5	0.1~6.0
41	50	Intermittent	1.5~15.0	0.25~15.0
		Continuous	1.5~9.0	0.25~13.0

Basic Model

1	2	3	4	5	6	7	8	9	10	11	Contents
F	R	O									MECHANICAL OIL FLOWMETER
Conn.Size			0	4							40 mm (1 1/2 B)
			0	5							50 mm (2 B)
Capacity											Intermittent Max. Flow Rate (Applicable Conn. Size)
			3	8							7 m ³ /h (40 mm)
			4	1							15 m ³ /h (50 mm)
							—				
Indicator								9	6		Large Counter (Mechanical Indicator Unit)

Dimension Drawing



Conn.Size (mm)	Dimensions (mm)				Approx. Weight (kg)
	φ D	L	A ₁	A ₂	
40	140	200	285	77	25
50	155	250	300	100	28

*Be sure to read the instruction manual carefully before you use this meter to ensure you use it correctly.

*Note that the contents may be subject to change without notice.

● Contact

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