

# OVAL GEAR FLOW METER

## OGF - 250M

**CBRO OGF - 250M** Oval gear Flow Meter the mechanical type Positive Displacement Flow Meter Is Used In A Wide Variety of applications including measuring of Boiler Fuel Oil and Diesel Oil, as well as transactions of Kerosene, Light Oil & Heavy Oil.

**OGF - 250M** Return-Zero Oval Gear Flow Meter adopts the Zero - Returnable counter added to the basic model. The counter contains two groups of digit wheels-One for Zero Returning and the other for accumulation to undertake the cumulate and batch counter respectively.

**OGF - 250M-A** Cast Iron Oval Gear Flow Meter is widely applicable to metering various Oils and fluids that effects no Corrosion on Cast Iron.

**OGF - 250M-E** Cast Steel Oval Gear Flow Meter is Designed for metering a variety of High-Pressure, Low-Corrosion Fluids.

- Uniform Rotator , Small Vibration, Long Working Life.
- Low Sensitivity To Variance Of Viscosity, Suitable Applied In Be High Viscosity Liquid.
- Simple Instructions , Small Sizes , Light Weight,
- Simple Installation , No Need To Install Straight Pipe Section Before Meter



### TECHNICAL SPECIFICATIONS

Item Model	Cast Iron For Model-OGF-250M-A		Cast Steel For Model-OGF-250M-E			Stainless Steel For Model-OGF-250M-B	
Pressure (Mpa)	1.0	1.6	2.5	4.0	6.4	1.0	1.6
Fluid Viscosity	2 - 200 MPa.s						
Fluid Temperature	-20°C - 200°C						
Flow Range (m <sup>3</sup> /h)							
Model Precision Grade	Cast Iron For Model-OGF-250M-A		Cast Steel For Model-OGF-250M-E		Stainless Steel For Model-OGF-250M-B		
Diameter (mm)	0.5	0.2	0.5	0.2	0.5	0.2	
10	0.04~0.4	0.1~0.4	0.04~0.4	0.1~0.4	0.1~0.5	0.1~0.5	
15	0.25~1.5	0.3~1.5	0.25~1.5	0.3~1.5	0.3~1.5	0.3~1.5	
20	0.5~3	0.6~3	0.5~3	0.6~3	0.6~3	0.6~3	
25	1~6	1.2~6	1~6	1.2~6	1.2~6	1.2~6	
40	2.5~15	3~15	2.5~15	3~15	3~15	3~15	
50	4~24	4.8~24	4~24	4.8~24	4.8~24	4.8~24	
65	5~40	8~40	5~40	8~40	8~40	8~40	
80	10~60	12~60	10~60	12~60	12~60	12~60	
100	16~100	20~100	16~100	20~100	20~100	20~100	
150	32~190	38~190	32~190	38~190	38~190	38~190	
200	34~340	68~340	34~340	68~340	68~340	68~340	



### APPLICATIONS

- Lubricating Oil
- Epoxies
- Fuels Storage Tank Flow Meter,
- Oil Counter,
- Tank Truck Flow Meter

- > High Accuracy, Wide Range
- > Mechanical Display
- > Easy Maintenance
- > Easy To Read
- > Output 4-20ma Profibus.