

OGF Series Oval Gear Flow Meter General Specifications

■ FEATURES

- High pressure resistance (1.0-45MPa)
- High and low temperature resistance (-196°C-200°C)
- Can measure various viscous medium
- High precision and high repeatability
- Available with Pulse output and analog output
- Wide range ratio (1:100)
- Wide measuring range
- Strong anti-corrosion and anti-fouling ability (acid and alkali)

■ APPLICATIONS

- Resin, glue
- Hydraulic oil, lubricating oil, grease
- Fuel oil
- Ink, asphalt
- Liquid nitrogen, freezing liquid, solvent
- Edible oil, fish oil and food filling
- Chemical and anti-corrosion fluid
- Fluid batch flow control system

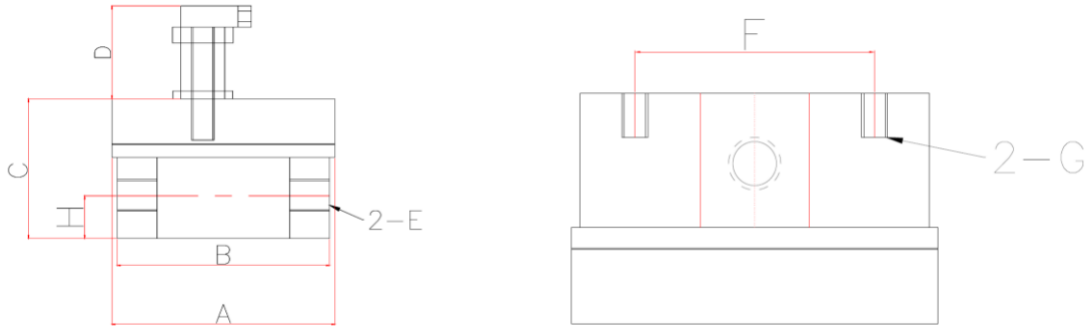


■ STANDARD SPECIFICATIONS

Model	Flow range	K Factor (P/L)	K Factor (ml/P)	Temperature (°C)	Working pressure (MPa)	Viscosity (mPa.s)	Connection
OGF-02	0.6-50L/h	11200	0.089	-15~80	1.6	2~200	G1/4
OGF-04	5-250L/h	4780	0.209	-15~80	1.6	2~200	G3/8
OGF-06	0.16-8.33L/min	3468	0.288	-15~80	1.6	2~200	G1/2
OGF-10	0.83-20L/min	2780	0.360	-15~80	1.6	2~200	G1/2
OGF-15	3-50L/min	334	2.994	-15~80	1.6	2~200	G3/4
OGF-25	16-200L/min	59.9	16.694	-15~80	1.6	2~200	G1

- Accuracy: 0.5%F.S for 1:10, 1.0%F.S for 1:100
- Body material: Aluminum alloy, PP, SS304, SS316L
- Shaft material: Hard alloy
- Protection: IP65
- Ex-proof: ExIICT5, ExdIIBT4
- Output: Pulse, 4-20mA, RS485
- Power supply: 24VDC
- Display: Instantaneous flow rate, Total flow

■ DIMENSION



Model	A	B	C	D	E	F	G	H
GF02	Φ83	80	55	70	G1/4	40	M6	16
GF04	Φ83	80	55	70	G3/8	55	M6	16
GF06	Φ83	80	62	70	G1/2	55	M6	14
GF10	Φ83	80	65	70	G1/2	55	M6	14
GF15	Φ113	110	65	70	G3/4	90	M6	28
GF25	Φ158	140	85	70	G1	110	M8	40

■ MODEL SELECTION

	OGF	-XXX	F	1	P	AL	N	N	OGF-06F1PALNN
Series	OGF								
Diameter		Input size							02, 04, 06, 10, 15, 25
Sealing			F P						FKM PP
Process connection				1 2 3 4					Thread Flange Sanitary flange Tri-clamp
Output					P A R				Pulse 4-20mA RS485
Body material						S4 S6 AL PP			SS304 SS316L Aluminum alloy PP
Display							Y N		Yes None
Ex-proof								a d N	ExIICT5 ExdIIBT4 None