

For NG, LPG, Air, Nitrogen Gas & All Inert Gas

DIAPHRAGM

# GAS METER

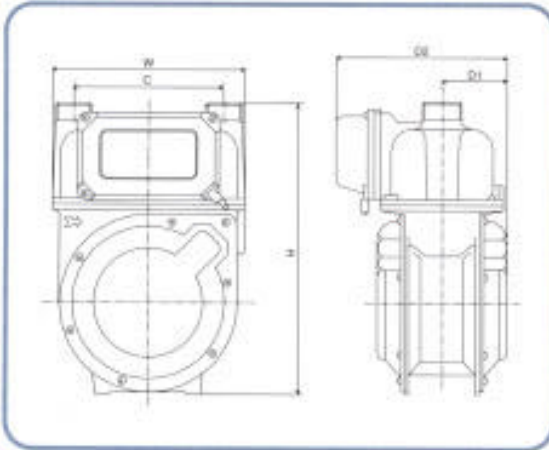


KG-2(G1.6)

## FEATURES

- Most Suitable small gas meter LP gas cylinder.  
(LPG, NG, air, Nitrogen gas, Inert gas also available)
- Maximum flowrate 2.5m<sup>3</sup>/h is one of the most important features  
in consideration of meter size.
- Sufficient aging time of components ensures long working life.

### SPECIFICATION



Normal Working Pressur	Max. 1000 mm H <sub>2</sub> O(10kPa)	
Maximum Flowrate	2.5m <sup>3</sup> /h	
Minimum Flowrate	16L/h	
Cyclic Volume	0.4L/rev	
Register Capacity	9,999m <sup>3</sup>	
Minimum Graduation	0.2L	
Net Weight /With Accessories	1.2/1.47kg	
Dimension	Height (H)	197 mm
	Width (W)	128 mm
	Center(C)	100 mm
	Depth (D1)	44 mm
	Depth (D2)	110 mm
Inlet & Outlet Connection Size	15 mm (1/2 inch)	

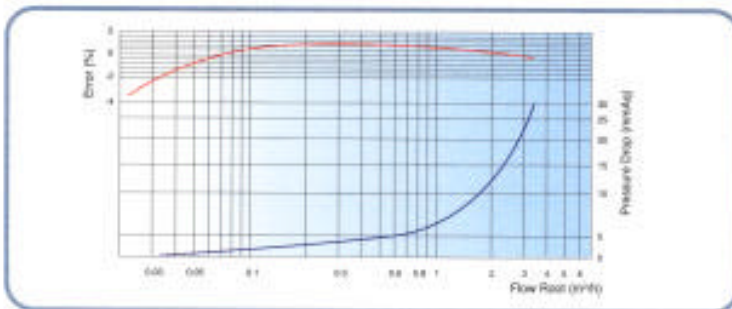
### CONSTRUCTION

- Valve travel system consists of horizontal crank shaft and rotary valve.
- Use of anti-freezing and round synthetic diaphragm rubber ensure long life time.
- Separation of measuring chamber and index eliminates leakage of gas, even though index cover glass is broken.
- All components are assembled by screws. So repairing is easy.

### MATERIAL

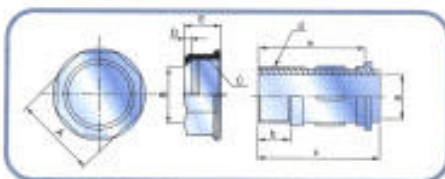
- Aluminum - diecasting body is proven to be solid structure.
- Valve made of graphite - teflon phenol resin minimizes friction and increases wear-resistance and anti - freezing.
- Highly wear - resistant bearings and sturdy transmission parts ensure a long trouble - free life.
- Especially rotary parts are sealed tightly with anti-freezing grease.

### PERFORMANCE CURVE



**BELL**  
Flow Systems  
www.bellflowsystems.co.uk

### CONNECTION TUBE & NUT



Model	NUT(mm)					TUBE(mm)				
	A	B	C	D	E	a	b	c	d	e
KG-2(G1.6)	30	φ21	φ25 1.5inch inch	3.0	16	φ14	18	50	15mm PT 1/2"	44