

WIZIT

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

DIAPHRAGM
GAS METER

Solenvis
experts in **energy** metering

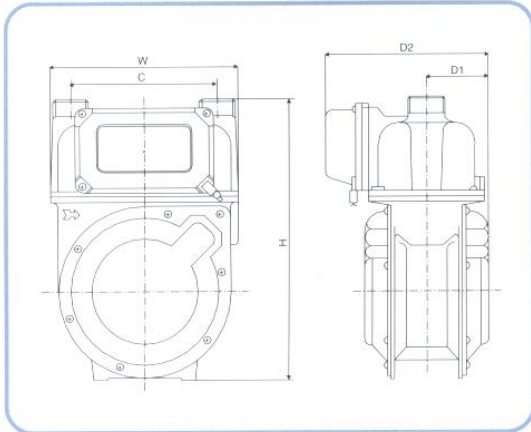


KG-2(G1.6)

FEATURES

- Most Suitable small gas meter LP gas cylinder.
(LPG, NG, air, Nitrogen gas, Inert gas also available)
- Maximum flowrate 2.5m³/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 ₂ O(10kPa)	
Maximum Flowrate	2.5m ³ /h	
Minimum Flowrate	16L/h	
Cyclic Volume	0.4L/rev	
Register Capacity	9,999m ³	
Minimum Graduation	0.2L	
Net Weight /With Accessories	1.2/1.47kg	
Dimension	Hight (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)	

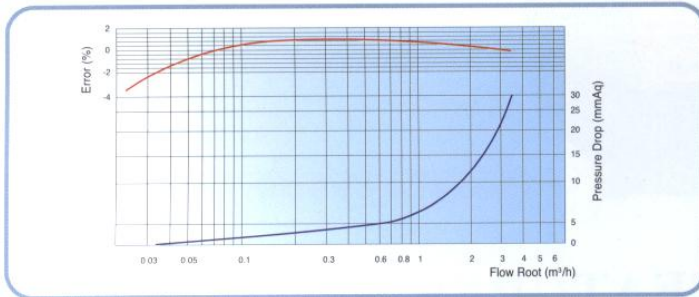
CONSTRUCTION

- 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.

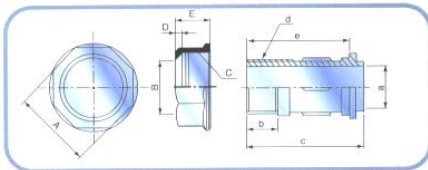
MATERIAL

- 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 rotarying parts are sealed tightly with anti-freezing grease.

PERFORMANCE CURVE



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 <small>1 Standard/ inch</small>	3.0	16	φ14	18	50	15mm PT 1/2"	44

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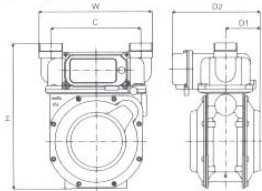
KG-3S(G1.6) & KG-3(G1.6)

FEATURES

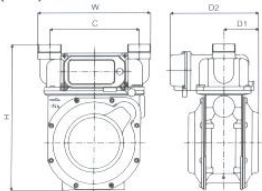
- For its small size, maximum flowrate is 3.1m³/h
- High sensitivity enables to measure even smaller flame of pilot burner exactly.
- Sufficient aging time of components ensures long working life.

SPECIFICATION

KG-3S(G1.6)



KG-3(G1.6)



Category	KG-3S(G1.6)	KG-3(G1.6)	
Normal Working Pressure	Max.1000 mm H ₂ O	Max.1000 mm H ₂ O	
Maximum Flowrate	3.1 m ³ / h	3.1 m ³ / h	
Minimum Flowrate	16 L / h	16 L / h	
Cyclic Volume	0.7 L / rev	0.7 L / rev	
Register Capacity	9,999 m ³	9,999 m ³	
Minimum Graduation	0.2 L	0.2 L	
Net Weight /With Accessories	1.6 / 1.88 kg	1.6 / 1.88 kg	
Dimension	Height (H)	209 mm	214 mm
	Width (W)	146 mm	164 mm
	Center(C)	100 mm	130 mm
	Depth (D1)	51 mm	51 mm
	Depth (D2)	130 mm	130 mm
Inlet & Outlet Connection Size	15 mm (1 / 2 inch)	20 mm (3 / 4 inch)	

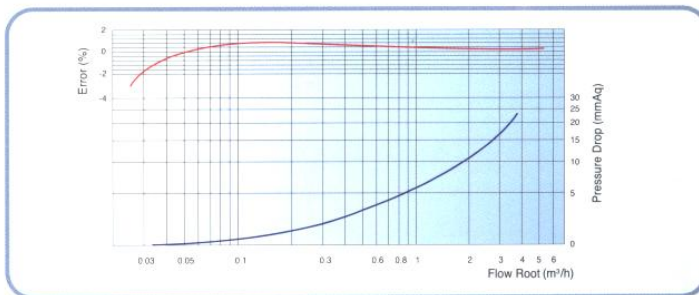
CONSTRUCTION

- 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.

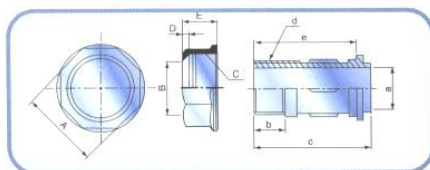
MATERIAL

- 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 rotatory parts are sealed tightly with anti-freezing grease.

PERFORMANCE CURVE



CONNECTION TUBE & NUT



Model	NUT(mm)					TUBE(mm)				
	A	B	C	D	E	a	b	c	d	e
KG-3S(G1.6)	30	φ21	φ25 18 Thread/Inch	3.0	16	φ14	18	50	15mm PT 1/2"	44
KG-3(G1.6)	37	φ28	M34 ×1.5	3.0	16	φ20	15	55	20mm PT 3/4"	48

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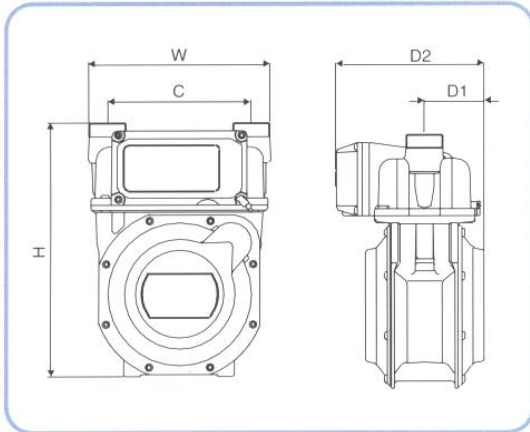


KG-4(G 2.5)

FEATURES

- For its small size, maximum flowrate is 4.0m³ / h
- High sensitivity enables to measure even smaller flame of pilot burner exactly.
- Sufficient aging time of components ensures long working life.
- Enlarged index for convenient reading.

SPECIFICATION



Normal Working Pressur	Max.1000 mm H ₂ O	
Maximum Flowrate	4.0 m ³ / h	
Minimum Flowrate	25 L / h	
Cyclic Volume	1.0 L / rev	
Register Capacity	99,999 m ³	
Minimum Graduation	0.2 L	
Net Weight /With Accessries	2.0 / 2.3 kg	
Dimension	Hight (H)	230 mm
	Width (W)	165 mm
	Center(C)	130 mm
	Depth (D1)	54 mm
	Depth (D2)	135 mm
Inlet & Outlet Connection Size	20 mm (3 / 4 inch)	

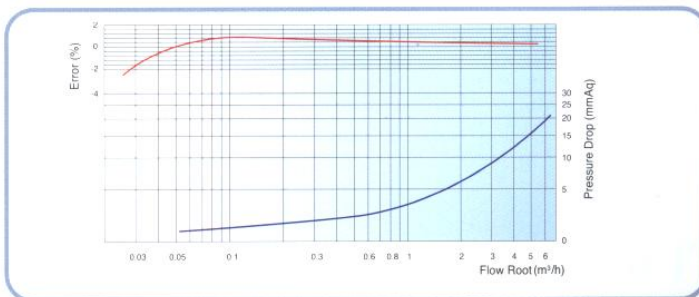
CONSTRUCTION

- 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.

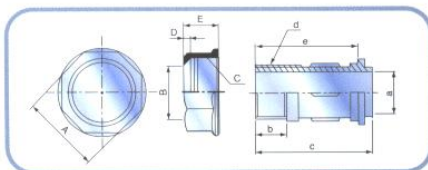
MATERIAL

- 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 rotarying parts are sealed tightly with anti - freezing grease.

PERFORMANCE CURVE



CONNECTION TUBE & NUT



Model	NUT(mm)					TUBE(mm)				
	A	B	C	D	E	a	b	c	d	e
KG-4(G2.5)	37	φ28	M34 x1.5	3.0	16	φ20	15	55	20mm PT 3/4"	48