



DIAPHRAGM GAS METER

MEASURING UNIT

Made of Japanese Co-polymerization of formaldehyde M90-44 (POM), injected by Mitsubishi machine;
The high physic-chemical properties, with strong reliability, good self-lubricating property and compactness surpassing other similar products remarkably.

REGISTER COVER

Material is Polycarbonate, which has Strong impact resistance and keep the Bolt falls into the track to with stand.

1st

2nd

3rd

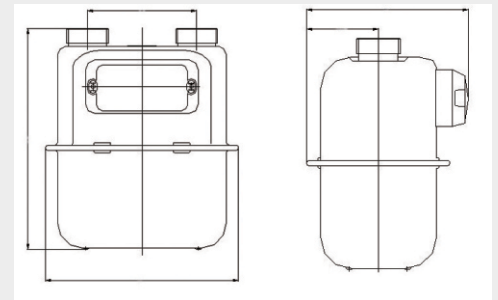
DIAPHRAGM

Made of Polyester fabric coated with nitride synthetic rubber;
Pass more than 200 Million times of Bally Test, oil-resistant change of mass is less than 65%, the flexibility is less than 0.45g/cm, the low temperature type diaphragm can work under -35C ambient temperature.

Technical Parameters

ITEM		UNIT	MODEL		
			NG1.6 (S)	NG2.5 (S)	NG4 (S)
Nominal Flow Rate		m ³ /h	1.6	2.5	4
Max. Flow Rate		m ³ /h	2.5	4	6
Min. Flow Rate		m ³ /h	0.016	0.025	0.04
Total Pressure Loss		Pa	≤200		
Working Pressure Range		kPa	0.5~30		
Cyclic Volume		dm ³	0.2		
Permissible Error	Q _{min} ≤Q<0.1Q _{max}	%	±3		
	0.1Q _{max} ≤Q≤Q _{max}	%	±1.5		
Min. Recording Reading		dm ³	0.2		
Max. Recording Reading		m ³	99999.999		
Relative humidity		%	≤93%		
Operation Ambient temperature		°C	-20°C~+50°C		
Store temperature		°C	-20°C~+60°C		
Service life		year	10(Natural Gas)		
Connection Thread			G1½(or Customization)		

Size



MODEL	DIMENSION(mm)				
	H	W	D	E	A
NG1.6 (S)	224	205	167.5	69	110
NG2.5 (S)	224	205	167.5	69	110
NG4 (S)	224	205	167.5	69	110