

Diaphragm Gas Meter



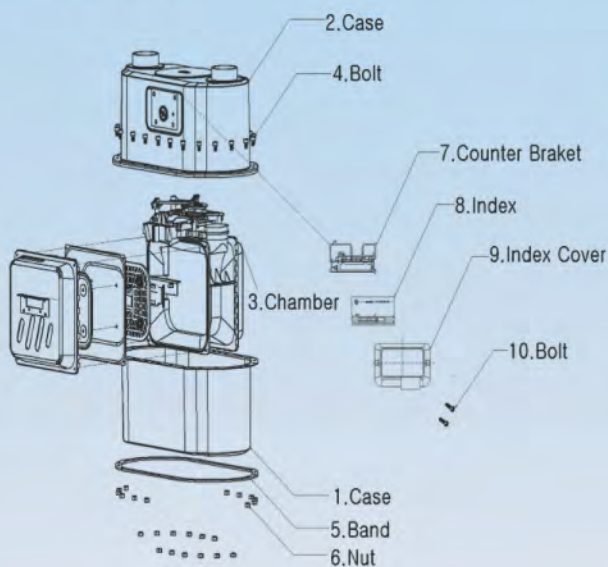
DAEMYOUNG I&T
DAEMYOUNG INSTRUMENT TECHNOLOGY INC.

Commercial & Industrial Diaphragm Gas meters



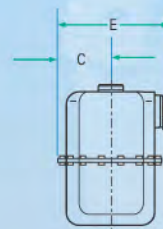
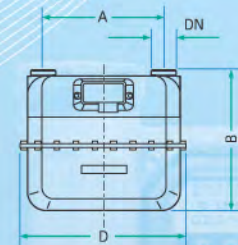
Mechanism

- Measuring chambers are separated by synthetic diaphragms. The chambers are filled, and emptied periodically as the chambers slide left and right, and the movement of the diaphragms is transferred via a gear to the crankshaft. This shaft moves the valves, which control the gas flow. The rotations of the gear are transferred via a magnetic coupling to the index.

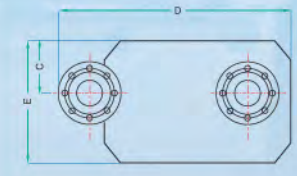
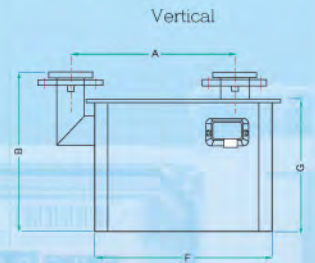


Specification / Dimension

G10-G25



G40



Indication	unit	G10	G16	G25	G40
A	mm	280	280	335	510
B	mm	333	333	398	495
C	mm	119	119	143	172
D	mm	415	415	475	753
E	mm	239	239	294	400
F	mm	-	-	-	551
G	mm	-	-	-	415
Weight	Kg	6,7 (7,7)	6,7 (7,7)	11 (12,5)	50

	G10	G16	G25	G40
Nominal Diameter (DN)	40mm(Union)	50mm(Union)	80mm(Flange)	
Operating Pressure (Kpa)	50	100Kpa option		
Cyclic Volume (dm ³)	6	12	18	
Minimum Capacity (m ³ /h)	0,1	0,16	0,25	0,4
Maximum Capacity (m ³ /h)	16	25	40	65
T,D,R	1 : 160			
Error P Qmax - Qi	Within ±1,5%			
Error P Qt - Qmin	Within ±3,0%			
Max counter	999999,99			
Using Gas	LPG, LPG, Inert Gas			
Body Material	Aluminium Steel			
Pulser	Magnet for the pulse was installed inside.			
Approval	Korean Type Approval			

Accuracy curve

