GREENGLOBE FUEL SOLUTIONS PVT LTD

CERTIFIED BY

GRECO

DIAPHRAGM GAS METERS TYPE G 1.6,G 2.5 & G 4

Approved by CMI in accordance with 2014/32/EU & EN 1359 vide Certificate No.: TCM/143/18--5588

GRECO Diaphragm Gas Meters Type G1.6, G2.5, G4 with both aluminium housing and steel housing are suitable for Domestic and Commercial applications mainly with a purpose for measuring accurate flow-rate of both Piped Natural Gas (PNG) or Liquefied Petroleum Gas (LPG).

GRECO Diaphragm Gas Meters have key components like central body which is produced using injection moulding process with special grade polymer materials, which have a property of high resistant to gas corrosion. Diaphragms are manufactured using quality polyester fibre with special vulcanization process. The key parts of the gas meter like valve and valve seats are manufactured with Bakelite material under high-accurate process control method and having high wear resistance,low water absorption, low friction,high inner stability which ensures the accurate performance of Gas Meters.

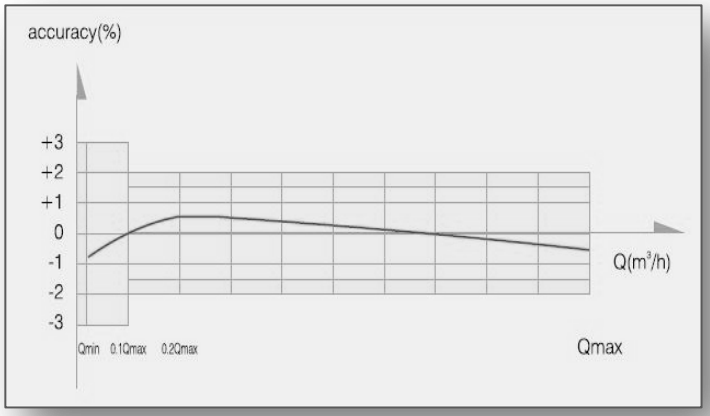
GRECO Diaphragm Gas Meters operates with mechanical transmission methodology, which is very reliable and accurate. Meters are equipped with mono-directional register with anti-reverse device to protect Gas Meter for temper proof operation.

GRECO Diaphragm Gas Meters are:

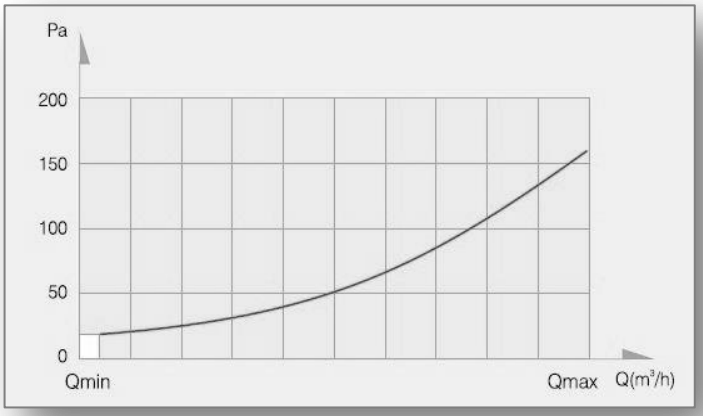
- ✓ Highly sensitive and Accurate
- ✓ Calibrated and performed for precise flow measurement
- ✓ Strong and robust design
- ✓ Anti Corrosion structure and all weather resistant
- ✓ Highly durable with consistent performance for long period
- ✓ Compatible for retro-fitment with AMR system

GRECO Diaphragm Gas Meters fulfills technical requirements of BS:EN:1359-2016

ERROR CURVE (%)

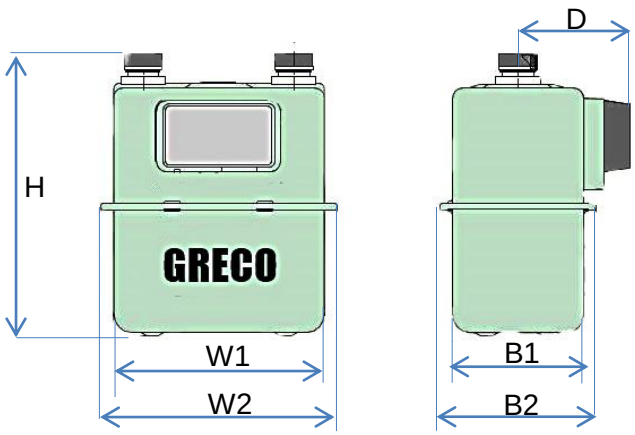


PRESSURE LOSS CURVE (Pa)



TECHNICAL SPECIFICATION

Technical Description	Unit	GRECO Diaphragm Gas Meter Types:		
		G 1.6	G 2.5	G4
Nominal flow-rate(Qn)	m^3/h	1.6	2.5	4
Max.flow-rate(Qmax)	m^3/h	2.5	4	6
Min.flow-rate(Qmin)	m^3/h	0.016	0.025	0.04
Cyclic volume	dm^3	1.2	1.2	1.2
Operating pressure range	mbar	5～500	5～500	5～500
Total pressure loss	mbar	≤2	≤2	≤2
Operating Temperature	^0C	-25 ^0C / + 55 ^0C		
Basic Error Limit	0.1Qmax ≤ Q ≤ Qmax	±1.5%		
	Qmin ≤ Q < 0.1Qmax	±3%		
Max Reading	m^3	99999.999		
End Connections	¾ NPT ; M30X2 ; ¾ as per BS 746 ; 1” as per BS 746 ; As per Customer Requirement			
Distance between CTC	mm	110	110	110 / 152.4
Approx Weight	kg	1.8		



Distance	Dimensions in mm
H	220
W1	165
W2	195
D	96
B1	112.5
B2	133

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