

WM5616

Valves
ONLINE

POWOGAZ PULSED CLASS C

WATER METER THREADED

Key features:

- Class C water meter
- Pulsed
- Brass body
- Single jet
- Dry dial
- Threaded BSP connections
- Sizes available: 1", 1 ¼" and 1 ½"
- Horizontal or vertical installation
- Maximum pressure: 16 bar
- Maximum working temperature: 30°C
- MID Approved
- WRAS Approved



DETAILS

A screwed BSP Class C pulsed water meter.

The meter features a brass body and a dry dial.

Available in sizes 1", 1 ¼" and 1 ½" with threaded BSP connections.

The meter has a maximum working temperature of 30°C and maximum pressure of 16 bar.

The water meter is suitable for horizontal or vertical installation.

MID and WRAS Approved.



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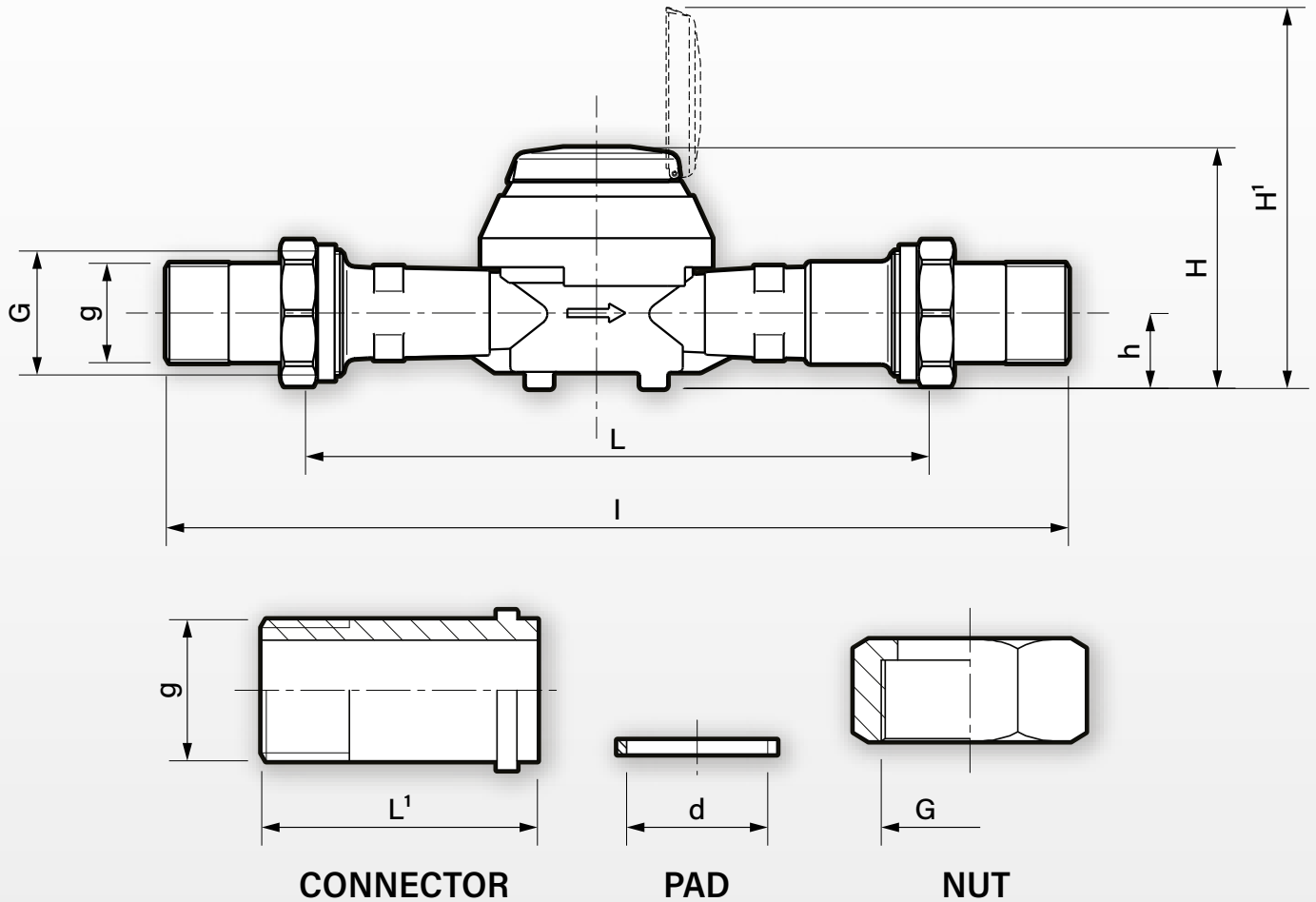


TABLE 1: DIMENSIONS IN MM

Size	G	h	H	H'	L	I	D	g	d	L'	Weight
1"	1¼"	36	120	185	260	380	111	1"	29	60	2.2 kg
1¼"	1½"	36	120	185	260	380	111	1¼"	36	60	2.4 kg
1½"	2"	36	120	185	300	440	111	1½"	43	70	2.7 kg

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CHART 1: PRESSURE LOSS

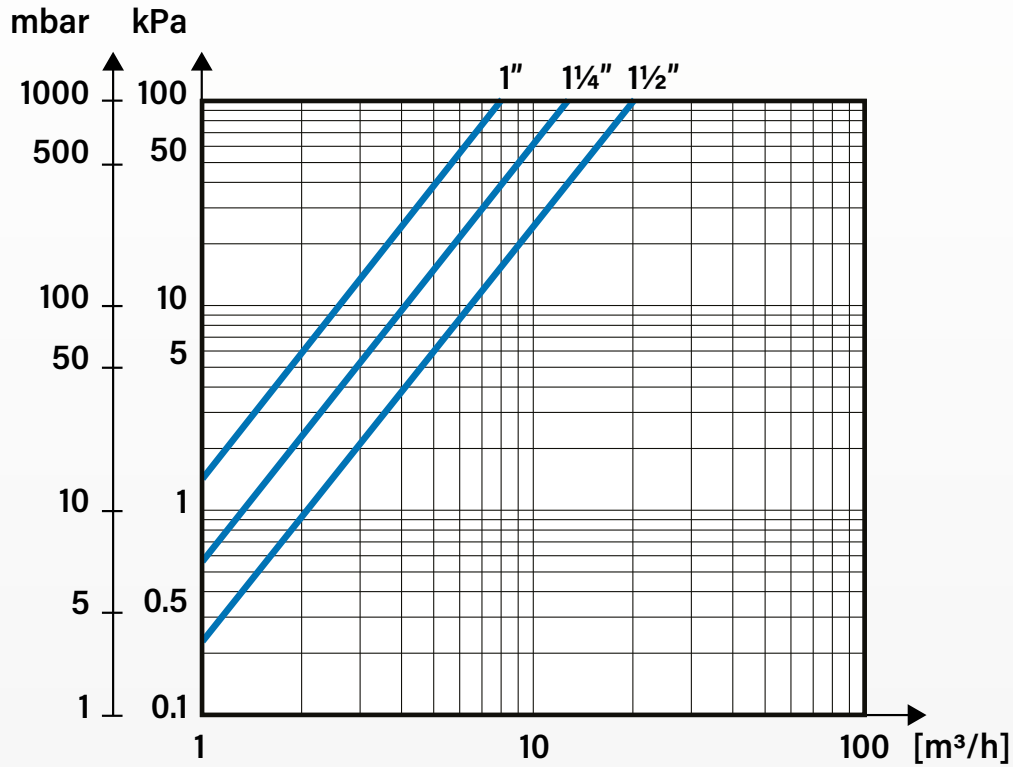
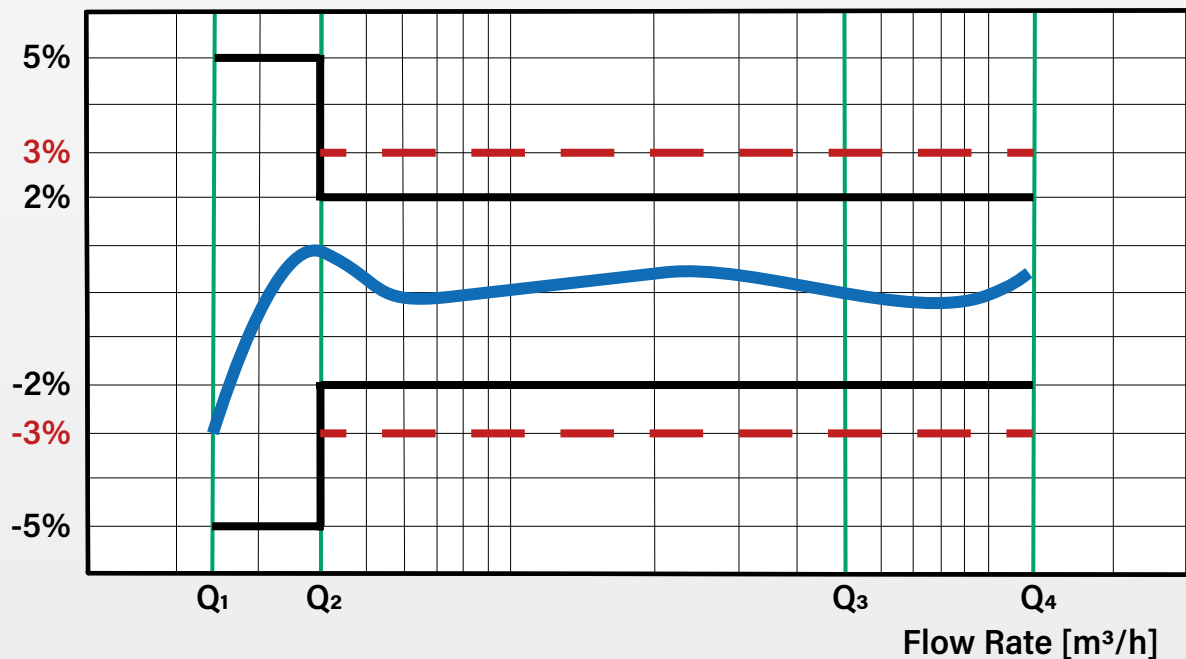


CHART 2: TYPICAL ERROR DIAGRAM

Error [%]



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TABLE 2: TECHNICAL PARAMETERS

Parameter	Unit	1"	1¼"	1½"
Continuous Flow Rate (Q ₃)	m ³ /h	6.3	10.0	16.0
Maximum Flow Rate (Q ₄)	m ³ /h	7.875	12.5	20.0
Intermediate Flow Rate - Horizontal (Q ₂)	dm ³ /h	63.0	100.0	160.0
Intermediate Flow Rate - Vertical (Q ₂)	dm ³ /h	160.0	254.0	406.0
Minimum Flow Rate - Horizontal (Q ₁)	dm ³ /h	40.0	63.0	100.0
Minimum Flow Rate - Vertical (Q ₁)	dm ³ /h	100.0	159.0	254.0
Starting Flow	dm ³ /h	13.0	21.0	31.0
Ratio (Q ₂ / Q ₁)	-	1.6	1.6	1.6
Nominal Working Temperature	°C	30	30	30
Resistance Classes to Flow Profiles	-	U0	U0	U0
Indication Range	m ³	99,999	99,999	99,999
Indication Accuracy	m ³	0.00005	0.00005	0.00005
Maximum Pressure (Pmax)	MPa	1.6	1.6	1.6
Maximum Pressure Loss for Q ₃ (Δp)	kPa	63.0	63.0	63.0
Permissible Error Range: Q ₂ ≤ Q ≤ Q ₄ (ε)	%	± 2	± 2	
Permissible Error Range: Q ₁ ≤ Q ≤ Q ₂ (ε)	%	± 5	± 5	

TABLE 3: PART NUMBERS

Size	SKU
1"	WM5615-100116
1 ¼"	WM5615-100117
1 ½"	WM5615-100118