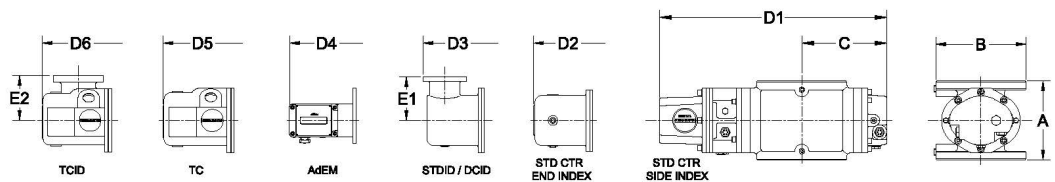




ROMET

Rotary Gas Meters



Note: AMI/AMR adaptors available upon request.

METER SIZE	DN/ PN 16 FLANGE	ANSI 125 FF FLANGE	A	B	C	D1	D2	D3	D4	D5	D6	E1	E2	WEIGHT (kg)
G100	80 mm	3"	171 mm	Ø 191 mm	185 mm	467 mm	503 mm	524 mm	548 mm	531 mm	533 mm	102 mm	102 mm	14.5-16.0

G100 - HARD METRIC

HARD METRIC G100 80 mm (3") FLANGE CONNECTION

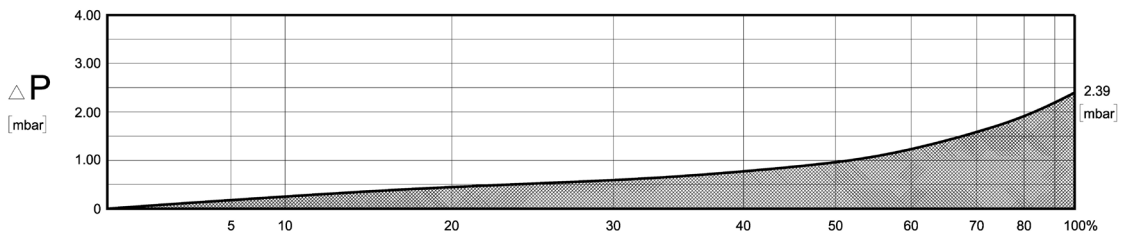
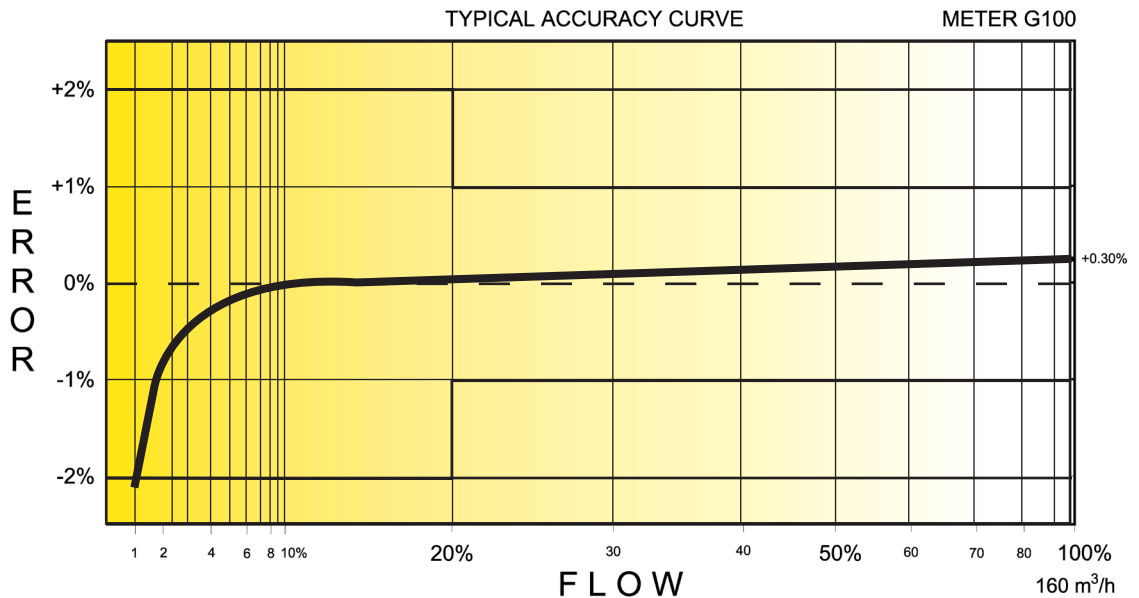
TECHNICAL SPECIFICATION

Connection (Flange)	DN/PN16 ANSI 125FF	80 mm 3"
MAOP	(bar)	12
Flow Capacity	(m ³ /h)	160
Rangeability* (up to 1:160 @ atmospheric condition, according to EN12480 & OIML R137/1 requirement)		1:160
Start Rate	(m ³ /h)	.119
Stop Rate	(m ³ /h)	.090
Differential @ 100% Flow	(mbar)	2.39
Instrument Drive Rate	(m ³ /rev)	1.0
LF Pulser (Optional)	(m ³ /pulse)	1.0

*Note: It should be noted, that moving parts in the meters with a greater rangeability ratio are made to high class accuracy and tight tolerances. Improper installation, stresses on piping system due to temperature changes, settling and gas conditions can create a risk of meter rejection.

CORRECTED FLOW CAPACITY AND TYPICAL ACCURACY GUIDE

G100 METER (SM ³ /H)	
Gauge Pressure Bar 0.012	G100 Qmax = 160 m ³ /hr
0.05	167.9
0.1	175.8
0.5	239.0
1.0	317.9
1.5	396.9
2.0	475.8
2.5	554.8
3.0	633.7
5.0	949.5
7.5	1344.3
10.0	1739.1
11.0	1897.0
12.0	2054.9



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