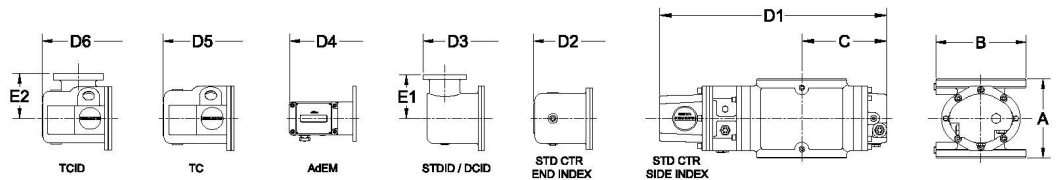




ROMET

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)
G160	80 or 100 mm	3" or 4"	241 mm	Ø 191 mm	176 mm	449 mm	485 mm	506 mm	530 mm	518 mm	519 mm	102 mm	102 mm	22.0-24.4

G160 - HARD METRIC

HARD METRIC G160 80 or 100 mm (3" or 4") FLANGE CONNECTION

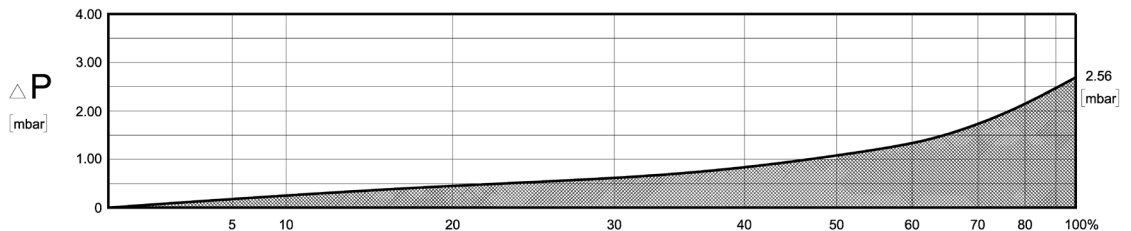
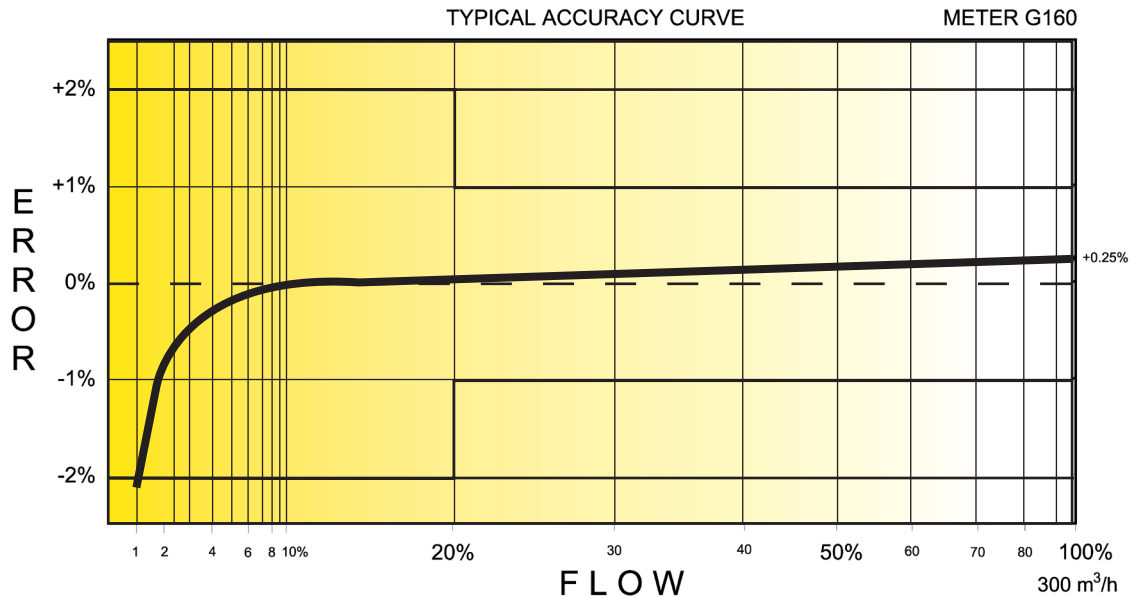
TECHNICAL SPECIFICATION

Connection (Flange)	DN/PN16 ANSI 125FF	80 or 100 mm 3" or 4"
MAOP	(bar)	12
Flow Capacity	(m ³ /h)	250/300
Rangeability* (up to 1:160 @ atmospheric condition, according to EN12480 & OIML R137/1 requirement)		1:160
Start Rate	(m ³ /h)	.156
Stop Rate	(m ³ /h)	.113
Differential @ 100% Flow	(mbar)	2.56
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

G160 METER (SM ³ /H)	
Gauge Pressure Bar 0.012	G160 Qmax = 300 m ³ /hr
0.05	314.8
0.1	329.6
0.5	448.0
1.0	596.1
1.5	744.1
2.0	892.2
2.5	1040.2
3.0	1188.2
5.0	1780.4
7.5	2520.6
10.0	3260.8
11.0	3556.8
12.0	3852.9



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GAS METERS AND ELECTRONIC INSTRUMENTS

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The values quoted are typical of normal production. They do not constitute a specification. Romem Limited reserves the right to change any information in this literature without notice. All of the information and data in this literature has been carefully compiled and thoroughly checked. However, Romem Limited will not assume responsibility for any possible omissions or errors.

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