TURBINE METER SERIES FMT-S

IMID APPROVIE

- ✓DN80 DN300 (3" 12")
- ✓ PN16 PN100, ANSI150 ANSI600
- \checkmark 8 6500 m³/h (300 230,000 acfh)
- ✓ EXCHANGEABLE CARTRIDGE
- ✓OIML, MID, PED, ATEX APPROVED
- **✓** FOR CUSTODY TRANSFER
- ✓< 1xD STRAIGHT INLET (approved)</p>
- **✓**SHORT METER BODY

The FMT-S series of short body turbine meters (or Quanto Meters) are designed for secondary measurement, industrial applications and custody transfer metering. By positioning the turbine wheel in the back of the meter, a full length flow conditioner could be integrated in the meter and as such the short body turbine meter type FMT-S performs at the same level as the traditional 3 x D length turbine meter. With the newly designed flow conditioner, the minimum straight length upstream according the OIML low and high level perturbations, is even less than 1 x D.

OPTIONS: ENCODER / INTEGRATED THERMO WELL / HIGH AND LOW FREQUENCY OUTPUTS / OILPUMP / TOTALLY SEALED / MAGNETIC FIELD PROTECTION







Technical Data	imperial metric	T6 G100	T9 G160	T18 G250	T9 G160	T18 G250	T27 G400	T27 G400	T35 G650	T60 G1000
Nominal Pipe Size	in.	3	3	3	4	4	4	6	6	6
	mm	80	80	80	100	100	100	150	150	150
Base Rating (Qmax)	acfh	6000	9000	18000	9000	18000	27000	27000	35000	60000
	m³/h	160	250	400	250	400	650	650	1000	1600
Rangeability atmopheric air	ratio	20	20	20	20	20	20	20	20	20
Rangeability >8 bar natural gas	ratio	30	30	30	30	30	30	30	30	30
Rangeability >16 bar natural gas	ratio	50	50	50	50	50	50	50	50	50
Accuracy Qmin to 20% Qmax	%	better than 2% (typical better than 1%)								
Accuracy 20% Qmax to Qmax	%	better than 1% (typical better than 0,5%)								
Repeatability	%	better than 0,1%								
Temperature Range	deg.F	aluminum -13 to +131, Steel +14 to +131 (-13 to +131 on request)								
Average Differential @	deg.C	aluminum -25 to +55, Steel -10 to +55 (-25 to +55 on request) 2,8 4,3 6,7 2,0 2,8 5,7 2,0 2,8 5,5								
Average Differential @ 100% Flow Natural Gas 1barg	in. w.c. kPa	700	4,3 1100	1700	500	700	1450	500	700	1400
Drive Rate Index, ID	cf/rev	10	100	10	100	100	100	100	100	100
Brive Rate Index, 15	m³/rev	1	1	1	1	1	1	1	1	1 or 10
Flange-to-Flange	in.	4-3/4	4-3/4	4-3/4	5-7/8	5-7/8	5-7/8	6-7/8	6-7/8	6-7/8
. J J.	mm	120	120	120	150	150	150	175	175	175
Flange Connection	ANSI									
	DIN PN16 (aluminum), PN16, PN25, PN40, PN64, PN100									
Net Weight Aluminum	lbs.	33	33	33	42	42	42	53	53	53
	kg	15	15	15	19	19	19	24	24	24
Net Weight Steel ANSI150, PN16	lbs.	50	50	50	63	63	63	79	79	79
	kg	23	23	23	29	29	29	36	36	36
Net Weight Steel ANSI300, PN25/40	lbs.	59	59	59	75	75	75	95	95	95
	kg	27	27	27	34	34	34	43	43	43
Net Weight Steel ANSI600, PN64/100	lbs.	65	65	65	83	83	83	105	105	105
	kg	30	30	30	38	38	38	48	48	48
	9									
Technical Data	-		T60	TOO	T60	TOO	T140	TOO	T1//0	T230
Technical Data	imperial	T35	T60 G1000	T90	T60 G1000	T90 G1600	T140 G2500	T90	T140 G2500	T230 G4000
	imperial metric	T35 G650	G1000	G1600	G1000	G1600	G2500	G1600	G2500	G4000
Technical Data Nominal Pipe Size	imperial	T35								
	imperial metric in.	T35 G650 8	G1000 8	G1600 8	G1000 10	G1600 10	G2500 10	G1600 12	G2500 12	G4000 12
Nominal Pipe Size	imperial metric in. mm	T35 G650 8 200	G1000 8 200	G1600 8 200	G1000 10 250	G1600 10 250	G2500 10 250	G1600 12 300	G2500 12 300	G4000 12 300
Nominal Pipe Size	imperial metric in. mm	T35 G650 8 200 35000	G1000 8 200 60000	G1600 8 200 90000	G1000 10 250 60000	G1600 10 250 90000	G2500 10 250 140000	G1600 12 300 90000	G2500 12 300 140000	G4000 12 300 230000
Nominal Pipe Size Base Rating (Qmax)	imperial metric in. mm acfh m³/h	T35 G650 8 200 35000 1000	G1000 8 200 60000 1600	G1600 8 200 90000 2500	G1000 10 250 60000 1600	G1600 10 250 90000 2500	G2500 10 250 140000 4000	G1600 12 300 90000 2500	G2500 12 300 140000 4000	G4000 12 300 230000 6500
Nominal Pipe Size Base Rating (Qmax) Rangeability atmopheric air	imperial metric in. mm acfh m³/h ratio	T35 G650 8 200 35000 1000	G1000 8 200 60000 1600 20	G1600 8 200 90000 2500 20	G1000 10 250 60000 1600 20	G1600 10 250 90000 2500 20	G2500 10 250 140000 4000 20	G1600 12 300 90000 2500 20	G2500 12 300 140000 4000 20	G4000 12 300 230000 6500 20
Nominal Pipe Size Base Rating (Qmax) Rangeability atmopheric air Rangeability >8 bar natural gas Rangeability >16 bar natural gas Accuracy Qmin to 20% Qmax	imperial metric in. mm acfh m³/h ratio ratio	T35 G650 8 200 35000 1000 20 30	G1000 8 200 60000 1600 20 30	G1600 8 200 90000 2500 20 30 50	G1000 10 250 60000 1600 20 30 50	G1600 10 250 90000 2500 20 30 50	G2500 10 250 140000 4000 20 30	G1600 12 300 90000 2500 20 30 50	G2500 12 300 140000 4000 20 30	G4000 12 300 230000 6500 20 30
Nominal Pipe Size Base Rating (Qmax) Rangeability atmopheric air Rangeability >8 bar natural gas Rangeability >16 bar natural gas Accuracy Qmin to 20% Qmax Accuracy 20% Qmax to Qmax	imperial metric in. mm acfh m³/h ratio ratio ratio	T35 G650 8 200 35000 1000 20 30	G1000 8 200 60000 1600 20 30	G1600 8 200 90000 2500 20 30 50	G1000 10 250 60000 1600 20 30 50 better than	G1600 10 250 90000 2500 20 30 50 2% (typical b	G2500 10 250 140000 4000 20 30 50	G1600 12 300 90000 2500 20 30 50	G2500 12 300 140000 4000 20 30	G4000 12 300 230000 6500 20 30
Nominal Pipe Size Base Rating (Qmax) Rangeability atmopheric air Rangeability >8 bar natural gas Rangeability >16 bar natural gas Accuracy Qmin to 20% Qmax Accuracy 20% Qmax to Qmax Repeatability	imperial metric in. mm acfh m³/h ratio ratio ratio % %	T35 G650 8 200 35000 1000 20 30	G1000 8 200 60000 1600 20 30 50	G1600 8 200 90000 2500 20 30 50	G1000 10 250 60000 1600 20 30 50 better than 1	G1600 10 250 90000 2500 20 30 50 2% (typical be wetter than 0	G2500 10 250 140000 4000 20 30 50 setter than 1% etter than 0,5%	G1600 12 300 90000 2500 20 30 50 6)	G2500 12 300 140000 4000 20 30 50	G4000 12 300 230000 6500 20 30
Nominal Pipe Size Base Rating (Qmax) Rangeability atmopheric air Rangeability >8 bar natural gas Rangeability >16 bar natural gas Accuracy Qmin to 20% Qmax Accuracy 20% Qmax to Qmax	imperial metric in. mm acfh m³/h ratio ratio ratio % % deg.F	T35 G650 8 200 35000 1000 20 30	G1000 8 200 60000 1600 20 30 50	G1600 8 200 90000 2500 20 30 50 b	G1000 10 250 60000 1600 20 30 50 better than 1 better than 1	G1600 10 250 90000 2500 20 30 50 2% (typical beoetter than 0 eel +14 to +	G2500 10 250 140000 4000 20 30 50 setter than 1% etter than 0,5° 1,1%	G1600 12 300 90000 2500 20 30 50 6) %)	G2500 12 300 140000 4000 20 30 50	G4000 12 300 230000 6500 20 30
Nominal Pipe Size Base Rating (Qmax) Rangeability atmopheric air Rangeability >8 bar natural gas Rangeability >16 bar natural gas Accuracy Omin to 20% Omax Accuracy 20% Omax to Omax Repeatability Temperature Range	imperial metric in. mm acfh m³/h ratio ratio ratio % % deg.F deg.C	T35 G650 8 200 35000 1000 20 30 50	G1000 8 200 60000 1600 20 30 50	G1600 8 200 90000 2500 20 30 50 building -13 aluminum -13	G1000 10 250 60000 1600 20 30 50 better than 1 better than 1 c to +131, St 25 to +55, S	G1600 10 250 90000 2500 20 30 50 2% (typical be better than 0 eel +14 to + teel -10 to +	G2500 10 250 140000 4000 20 30 50 setter than 1% etter than 0,50 1,1% 131 (-13 to +1) 55 (-25 to +55	G1600 12 300 90000 2500 20 30 50 31 31 on request	G2500 12 300 140000 4000 20 30 50	G4000 12 300 230000 6500 20 30 50
Nominal Pipe Size Base Rating (Qmax) Rangeability atmopheric air Rangeability >8 bar natural gas Rangeability >16 bar natural gas Accuracy Qmin to 20% Qmax Accuracy 20% Qmax to Qmax Repeatability Temperature Range Average Differential @	imperial metric in. mm acfh m³/h ratio ratio ratio deg.F deg.C in. w.c.	T35 G650 8 200 35000 1000 20 30 50	G1000 8 200 60000 1600 20 30 50	G1600 8 200 90000 2500 20 30 50 builtuminum -13 aluminum -6,7	G1000 10 250 60000 1600 20 30 50 better than 1 to to +131, St 25 to +55, S 2,4	G1600 10 250 90000 2500 20 30 50 2% (typical be better than 0 eel +14 to + teel -10 to + 3,5	G2500 10 250 140000 4000 20 30 50 setter than 1% etter than 0,5% ,1% 131 (-13 to +1 55 (-25 to +58 6,3	G1600 12 300 90000 2500 20 30 50 %) 31 on request) 2,4	G2500 12 300 140000 4000 20 30 50	G4000 12 300 230000 6500 20 30 50
Nominal Pipe Size Base Rating (Qmax) Rangeability atmopheric air Rangeability >8 bar natural gas Rangeability >16 bar natural gas Accuracy Qmin to 20% Qmax Accuracy 20% Qmax to Qmax Repeatability Temperature Range Average Differential @ 100% Flow Natural Gas 1barg	imperial metric in. mm acfh m³/h ratio ratio ratio % % deg.F deg.C in. w.c. kPa	T35 G650 8 200 35000 1000 20 30 50	G1000 8 200 60000 1600 20 30 50	G1600 8 200 90000 2500 20 30 50 builtuminum -13 aluminum -6,7 1700	G1000 10 250 60000 1600 20 30 50 better than 1 better than 1 25 to +131, St 25 to +55, St 2,4 600	G1600 10 250 90000 2500 20 30 50 2% (typical be better than 0 eel +14 to + teel -10 to + 3,5 900	G2500 10 250 140000 4000 20 30 50 setter than 1% etter than 0,5% ,1% 131 (-13 to +155 6,3 1600	G1600 12 300 90000 2500 20 30 50 %) 31 on request) 2,4 600	G2500 12 300 140000 4000 20 30 50 st)	G4000 12 300 230000 6500 20 30 50
Nominal Pipe Size Base Rating (Qmax) Rangeability atmopheric air Rangeability >8 bar natural gas Rangeability >16 bar natural gas Accuracy Qmin to 20% Qmax Accuracy 20% Qmax to Qmax Repeatability Temperature Range Average Differential @	imperial metric in. mm acfh m³/h ratio ratio ratio % % deg.F deg.C in. w.c. kPa	T35 G650 8 200 35000 1000 20 30 50	G1000 8 200 60000 1600 20 30 50 4,7 1200 100	G1600 8 200 90000 2500 20 30 50 builtuminum -13 aluminum -6,7 1700 1000	G1000 10 250 60000 1600 20 30 50 better than 1 better than 1 c to +131, St 25 to +55, St 2,4 600 1000	G1600 10 250 90000 2500 20 30 50 2% (typical be better than 0 eel +14 to + teel -10 to + 3,5 900 1000	G2500 10 250 140000 4000 20 30 50 setter than 1% etter than 0,5' ,1% 131 (-13 to +1) 55 (-25 to +5) 6,3 1600 1000	G1600 12 300 90000 2500 20 30 50 %) 31 on request) 2,4 600 1000	G2500 12 300 140000 4000 20 30 50 stt) 3,9 1000 1000	G4000 12 300 230000 6500 20 30 50 6,3 1600 1000
Nominal Pipe Size Base Rating (Qmax) Rangeability atmopheric air Rangeability >8 bar natural gas Rangeability >16 bar natural gas Accuracy Qmin to 20% Qmax Accuracy 20% Qmax to Qmax Repeatability Temperature Range Average Differential @ 100% Flow Natural Gas 1barg Drive Rate Index, ID	imperial metric in. mm acfh m³/h ratio ratio ratio % % deg.F deg.C in. w.c. kPa cf/rev m³/rev	T35 G650 8 200 35000 1000 20 30 50 50	G1000 8 200 60000 1600 20 30 50 50 4,7 1200 100 10	G1600 8 200 90000 2500 20 30 50 8 suluminum -13 aluminum -6,7 1700 1000 10	G1000 10 250 60000 1600 20 30 50 better than 1 better than 1 cetter than 5 25 to +131, St 25 to +55, S' 2,4 600 1000 10	G1600 10 250 90000 2500 20 30 50 2% (typical be wetter than 0 eel +14 to + teel -10 to + 3,5 900 1000	G2500 10 250 140000 4000 20 30 50 setter than 1% etter than 0,5' ,1% 131 (-13 to +1) 55 (-25 to +5) 6,3 1600 1000 10	G1600 12 300 90000 2500 20 30 50 31 on request) 2,4 600 1000 10	G2500 12 300 140000 4000 20 30 50 st) 3,9 1000 1000 10	64000 12 300 230000 6500 20 30 50 50
Nominal Pipe Size Base Rating (Qmax) Rangeability atmopheric air Rangeability >8 bar natural gas Rangeability >16 bar natural gas Accuracy Qmin to 20% Qmax Accuracy 20% Qmax to Qmax Repeatability Temperature Range Average Differential @ 100% Flow Natural Gas 1barg	imperial metric in. mm acfh m³/h ratio ratio ratio % % deg.F deg.C in. w.c. kPa cf/rev m³/rev in.	3,1 800 1000 1000 20 30 50	G1000 8 200 60000 1600 20 30 50 4,7 1200 100 10 8	G1600 8 200 90000 2500 20 30 50 builtuminum -13 aluminum -6,7 1700 1000 10	G1000 10 250 60000 1600 20 30 50 better than 1 better than 1 cetter than 5 25 to +131, St 25 to +55, S 2,4 600 1000 10	G1600 10 250 90000 2500 20 30 50 2% (typical be better than 0 eel +14 to + teel -10 to + 3,5 900 1000 10	G2500 10 250 140000 4000 20 30 50 setter than 1% etter than 0,5' ,1% 131 (-13 to +1 55 (-25 to +5) 6,3 1600 1000 10	G1600 12 300 90000 2500 20 30 50 3) %) 31 on reque 6 5 on request) 2,4 600 1000 10 12	G2500 12 300 140000 4000 20 30 50 st) 3,9 1000 1000 10 12	64000 12 300 230000 6500 20 30 50 6,3 1600 1000 10 12
Nominal Pipe Size Base Rating (Qmax) Rangeability atmopheric air Rangeability >8 bar natural gas Rangeability >16 bar natural gas Accuracy Qmin to 20% Qmax Accuracy 20% Qmax to Qmax Repeatability Temperature Range Average Differential @ 100% Flow Natural Gas 1barg Drive Rate Index, ID	imperial metric in. mm acfh m³/h ratio ratio ratio deg.F deg.C in. w.c. kPa cf/rev m³/rev in. mm	T35 G650 8 200 35000 1000 20 30 50 50	G1000 8 200 60000 1600 20 30 50 50 4,7 1200 100 10	G1600 8 200 90000 2500 20 30 50 builtuminum -13 aluminum - 6,7 1700 1000 10 8 200	G1000 10 250 60000 1600 20 30 50 better than 1 better than 1 25 to +131, St 25 to +55, S' 2,4 600 1000 10 10 250	G1600 10 250 90000 2500 20 30 50 2% (typical be better than 0 eel +14 to + teel -10 to + 3,5 900 1000 10 250	G2500 10 250 140000 4000 20 30 50 setter than 1% etter than 0,5' ,1% 131 (-13 to +1) 55 (-25 to +5) 6,3 1600 1000 10 10 250	G1600 12 300 90000 2500 20 30 50 8) 31 on request 6 on request) 2,4 600 1000 10 12 300	G2500 12 300 140000 4000 20 30 50 st) 3,9 1000 1000 10	64000 12 300 230000 6500 20 30 50 50
Nominal Pipe Size Base Rating (Qmax) Rangeability atmopheric air Rangeability >8 bar natural gas Rangeability >16 bar natural gas Accuracy Qmin to 20% Qmax Accuracy 20% Qmax to Qmax Repeatability Temperature Range Average Differential @ 100% Flow Natural Gas 1barg Drive Rate Index, ID	imperial metric in. mm acfh m³/h ratio ratio ratio % % deg.F deg.C in. w.c. kPa cf/rev m³/rev in.	3,1 800 1000 1000 20 30 50	G1000 8 200 60000 1600 20 30 50 4,7 1200 100 10 8	G1600 8 200 90000 2500 20 30 50 8 statement of the st	G1000 10 250 60000 1600 20 30 50 better than 1 better than 1 25 to +131, St 25 to +55, S 2,4 600 1000 10 10 250 0#FF (alumin	G1600 10 250 90000 2500 20 30 50 2% (typical be oetter than 0 eel +14 to + teel -10 to + 3,5 900 1000 10 250 num), 150#R	G2500 10 250 140000 4000 20 30 50 setter than 1% etter than 0,5' 1,1% 131 (-13 to +1) 55 (-25 to +5) 6,3 1600 1000 10 250 F, 300#RF,600	G1600 12 300 90000 2500 20 30 50 31 on request) 2,4 600 1000 10 12 300	G2500 12 300 140000 4000 20 30 50 st) 3,9 1000 1000 10 12	64000 12 300 230000 6500 20 30 50 6,3 1600 1000 10 12
Nominal Pipe Size Base Rating (Qmax) Rangeability atmopheric air Rangeability >8 bar natural gas Rangeability >16 bar natural gas Accuracy Qmin to 20% Qmax Accuracy 20% Qmax to Qmax Repeatability Temperature Range Average Differential @ 100% Flow Natural Gas 1barg Drive Rate Index, ID	imperial metric in. mm acfh m³/h ratio ratio ratio % % deg.F deg.C in. w.c. kPa cf/rev m³/rev in. mm ANSI	3,1 800 1000 1000 20 30 50	G1000 8 200 60000 1600 20 30 50 4,7 1200 100 10 8	G1600 8 200 90000 2500 20 30 50 8 statement of the st	G1000 10 250 60000 1600 20 30 50 better than 1 better than 1 25 to +131, St 25 to +55, S 2,4 600 1000 10 10 250 0#FF (alumin	G1600 10 250 90000 2500 20 30 50 2% (typical be oetter than 0 eel +14 to + teel -10 to + 3,5 900 1000 10 250 num), 150#R	G2500 10 250 140000 4000 20 30 50 setter than 1% etter than 0,5' ,1% 131 (-13 to +1) 55 (-25 to +5) 6,3 1600 1000 10 10 250	G1600 12 300 90000 2500 20 30 50 31 on request) 2,4 600 1000 10 12 300	G2500 12 300 140000 4000 20 30 50 st) 3,9 1000 1000 10 12	64000 12 300 230000 6500 20 30 50 6,3 1600 1000 10 12
Nominal Pipe Size Base Rating (Qmax) Rangeability atmopheric air Rangeability >8 bar natural gas Rangeability >16 bar natural gas Accuracy Omin to 20% Qmax Accuracy 20% Qmax to Qmax Repeatability Temperature Range Average Differential @ 100% Flow Natural Gas 1barg Drive Rate Index, ID Flange-to-Flange Flange Connection	imperial metric in. mm acfh m³/h ratio ratio ratio % % deg.F deg.C in. w.c. kPa cf/rev m³/rev in. mm ANSI DIN	3,1 800 1000 1000 20 30 50 50	G1000 8 200 60000 1600 20 30 50 4,7 1200 100 10 8 200	G1600 8 200 90000 2500 20 30 50 b luminum -13 aluminum - 6,7 1700 1000 10 8 200 15 PN16	G1000 10 250 60000 1600 20 30 50 better than 1 better than 1 25 to +131, St 25 to +55, S 2,4 600 1000 10 250 0#FF (alumir (aluminum),	G1600 10 250 90000 2500 20 30 50 2% (typical be opetter than 0 opetter than 0 opetter than 10	G2500 10 250 140000 4000 20 30 50 setter than 1% etter than 0,5% ,1% 131 (-13 to +1) 55 (-25 to +5% 6,3 1600 1000 10 250 F, 300#RF,600 , PN40, PN64,	G1600 12 300 90000 2500 20 30 50 6) 831 on request) 2,4 600 1000 10 12 300 #RFF PN100	G2500 12 300 140000 4000 20 30 50 st) 3,9 1000 1000 10 12 300	64000 12 300 230000 6500 20 30 50 6,3 1600 1000 10 12 300
Nominal Pipe Size Base Rating (Qmax) Rangeability atmopheric air Rangeability >8 bar natural gas Rangeability >16 bar natural gas Accuracy Omin to 20% Qmax Accuracy 20% Qmax to Qmax Repeatability Temperature Range Average Differential @ 100% Flow Natural Gas 1barg Drive Rate Index, ID Flange-to-Flange Flange Connection	imperial metric in. mm acfh m³/h ratio ratio ratio ratio % % deg.F deg.C in. w.c. kPa cf/rev m³/rev in. mm ANSI DIN lbs.	T35 G650 8 200 35000 1000 20 30 50 50 3,1 800 100 1 or 10 8 200	G1000 8 200 60000 1600 20 30 50 4,7 1200 100 10 8 200	G1600 8 200 90000 2500 20 30 50 builtuminum -13 aluminum - 6,7 1700 1000 10 8 200 15 PN16 218	G1000 10 250 60000 1600 20 30 50 better than 1 better than 1 c to +131, St 25 to +55, S 2,4 600 1000 10 250 0#FF (alumir (aluminum),	G1600 10 250 90000 2500 20 30 50 2% (typical be better than 0 eel +14 to + teel -10 to + 3,5 900 1000 10 250 num), 150#R PN16, PN25	G2500 10 250 140000 4000 20 30 50 Detter than 1% etter than 0,5' ,1% 131 (-13 to +1 55 (-25 to +55 6,3 1600 1000 10 250 F, 300#RF,600 , PN40, PN64, 198	G1600 12 300 90000 2500 20 30 50 31 31 on request) 2,4 600 1000 10 12 300 #RF PN100 310	G2500 12 300 140000 4000 20 30 50 stt) 3,9 1000 1000 10 12 300	6,3 1600 1000 11000 1000 1000 1012 1013
Nominal Pipe Size Base Rating (Qmax) Rangeability atmopheric air Rangeability >8 bar natural gas Rangeability >16 bar natural gas Accuracy Qmin to 20% Qmax Accuracy 20% Qmax to Qmax Repeatability Temperature Range Average Differential @ 100% Flow Natural Gas 1barg Drive Rate Index, ID Flange-to-Flange Flange Connection Net Weight Steel ANSI150, PN16	imperial metric in. mm acfh m³/h ratio ratio ratio ratio % % deg.F deg.C in. w.c. kPa cf/rev m³/rev in. mm ANSI DIN lbs. kg	3,1 800 1000 1000 20 30 50 50 218 99	G1000 8 200 60000 1600 20 30 50 4,7 1200 100 10 8 200 218 99	G1600 8 200 90000 2500 20 30 50 8 sluminum -13 aluminum -6,7 1700 1000 10 8 200 15 PN16 218 99	G1000 10 250 60000 1600 20 30 50 better than 1 better than 1 ct to +131, St 25 to +55, S' 2,4 600 1000 10 250 0#FF (alumin (aluminum), 198 90	G1600 10 250 90000 2500 20 30 50 2% (typical be better than 0 eel +14 to + teel -10 to + 10 10 250 1000 10 10 250 1000 10 10 250 1000 10 10 10 250 198 90	G2500 10 250 140000 4000 20 30 50 etter than 1% etter than 0,5' ,1% 131 (-13 to +1) 55 (-25 to +5) 6,3 1600 1000 10 250 F, 300#RF,600 , PN40, PN64, 198 90	G1600 12 300 90000 2500 20 30 50 %) 31 on request) 2,4 600 1000 10 12 300 #RF PN100 310 141	G2500 12 300 140000 4000 20 30 50 st) 3,9 1000 1000 10 12 300 310 141	6,3 1600 1000 1000 1000 1000 110 12 300 310 141
Nominal Pipe Size Base Rating (Omax) Rangeability atmopheric air Rangeability >8 bar natural gas Rangeability >16 bar natural gas Accuracy Omin to 20% Omax Accuracy 20% Omax to Omax Repeatability Temperature Range Average Differential @ 100% Flow Natural Gas 1barg Drive Rate Index, ID Flange-to-Flange Flange Connection Net Weight Steel ANSI150, PN16	imperial metric in. mm acfh m³/h ratio ratio ratio ratio % % deg.F deg.C in. w.c. kPa cf/rev m³/rev in. mm ANSI DIN lbs. kg	3,1 800 1000 20 30 500 1000 20 30 50 20 30 50 20 218 99 282	G1000 8 200 60000 1600 20 30 50 60000 100 100 100 10 8 200 218 99 282	G1600 8 200 90000 2500 20 30 50 8 Soluminum -13 aluminum -6,7 1700 1000 10 8 200 15 PN16 218 99 282	G1000 10 250 60000 1600 20 30 50 better than 1 better than 1 cetter than 1 25 to +131, St 25 to +55, S' 2,4 600 1000 10 250 0#FF (alumir (aluminum), 198 90 284	G1600 10 250 90000 2500 20 30 50 2% (typical be better than 0 eel +14 to + teel -10 to + 3.5 900 1000 10 250 num), 150#R PN16, PN25 198 90 284	G2500 10 250 140000 4000 20 30 50 setter than 1% etter than 0,5' ,1% 131 (-13 to +1) 55 (-25 to +5) 6,3 1600 1000 10 250 F, 300#RF,600 , PN40, PN64, 198 90 284	G1600 12 300 90000 2500 20 30 50 31 on request) 2,4 600 1000 10 12 300 #RF PN100 310 141 418	G2500 12 300 140000 4000 20 30 50 st) 3,9 1000 1000 10 12 300 310 141 418	6,3 1600 100 112 300 230000 6500 20 30 50 50 1000 1000 10 12 300 310 141 418

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