

TURCTF - TAX TURBINE GAS FISCALE -

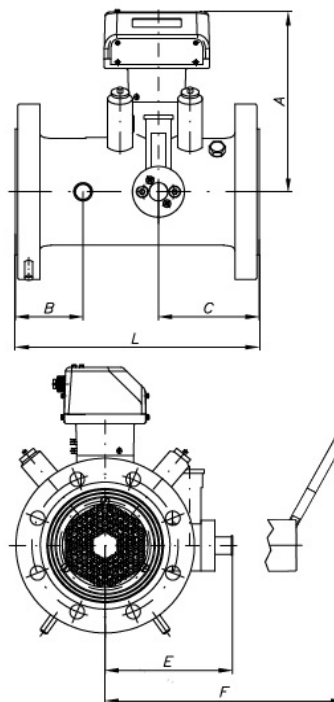
Turbine flowmeter, for taxable use. The gas volume is calculated according to the principle of proportionality between the amount of gas flowed through the meter and the number of revolutions of the impeller and displayed by means of a mechanical transmission system / magnetic actuates the counting.



- Flow straightener built in (upstream = 2DN)
- 1:20; higher ratios on request
- Steel or cast iron GGG40 body, aluminum rotor

TECHNICAL SPECIFICATIONS

ND	G	Qmax m3/h	Qmin m3/h	Pulse/m3
50	40	65	6	0.1
	65	100	5	
80	100	160	8	1
	160	250	13	
	250	400	20	
100	160	250	13	1
	250	400	20	
	400	650	32	
150	400	650	32	1
	650	1000	50	
	1000	1600	80	
200	650	1000	50	10
	1000	1600	80	
	1600	2500	130	
250	1000	1600	80	10
	1600	2500	130	
	2500	4000	200	
300	1600	2500	130	10
	2500	4000	200	
	4000	6500	320	



Dimensions and weight

DN	50	80	100	150	200	250	300
L	150	240	300	450	600	750	900
A	203	206	220	247	270	298	323
B	42	60 / 80	101	125 / 155	212	270	300
C	58	95	124	180	240	330	350
FLANGED - ANSI							
E,F (ANSI)	150 (#150) 226 (#300) 226 (#600)	146 (#150) 222 (#300) 222 (#600)	157 (#150) 233 (#300) 233 (#600)	185 (#150) 261 (#300) 261 (#600)	202 (#150) 282 (#300) 282 (#600)	232 (#150) 308 (#300) 308 (#600)	258 (#150) 345 (#300) 345 (#600)
Weight iron	9.5 (#150)	19.5 (#150)	26.5 (#150)	47 (#150)	-	-	-
Weight steel	10 (#150) 11.5 (#300) 14 (#600)	24.5 (#150) 27.5 (#300) 32 (#600)	34.4 (#150) 43 (#300) 56 (#600)	62.5 (#150) 80.5 (#300) 106 (#600)	86 (#150) 116 (#300) 153 (#600)	147 (#150) 190 (#300) 271 (#600)	235 (#150) 290 (#300) 360 (#600)
FLANGED - UNI							
E,F (NP)	150 (#16) 226 (#20) 226 (#100)	146 (#16) 222 (#20) 222 (#64)	157 (#16) 233 (#20) 233 (#64)	185 (#16) 261 (#20) 261 (#64)	202 (#16) 282 (#20) 282 (#64)	232 (#16) 308 (#20) 308 (#64)	258 (#16) 345 (#20) 345 (#64)
Weight iron	8.5 (#16) 9.5 (#20)	20(#16) 19.5 (#20)	25(#16) 26.5 (#20)	48(#16) 47 (#20)	-	-	-
Weight steel	11 (#16) 10	25 (#16)	33.5 (#16)	62.5 (#16)	80 (#16)	142 (#16)	215 (#16)



SATEMA

13856 VIGLIANO B.SE - Via Milano, 395

Tel. +39 015811102 - Fax 0158853029

Mail: info@satema.it <http://www.satema.it>

TECHNICAL SPECIFICATIONS

Types of measured sa			
Symbol	Gas	Density kg/m ³	Relative Density
CO ₂	Carbon dioxide	1.84	1.53
N ₂	Nitrogen	1.66	1.38
C ₄ H ₁₀	Butane	2.53	2.10
He	Helium	0.17	0.14
C ₂ H ₆	Ethane	1.27	1.06
C ₂ H ₄	Ethilene	1.17	0.98
	Natural Gas	0.75 ca	0.63 ca
CH ₄	Methane	0.67	0.55
CO	Carbon monoxide	1.16	0.97
C ₂ H ₈	Propane	1.87	1.56
	Air	1.20	1

Density values referred to: p 1.01325 bar T = 20 ° C



SATEMA

13856 VIGLIANO B.SE - Via Milano, 395

Tel. +39 015811102 - Fax 0158853029

Mail: info@satema.it <http://www.satema.it>