



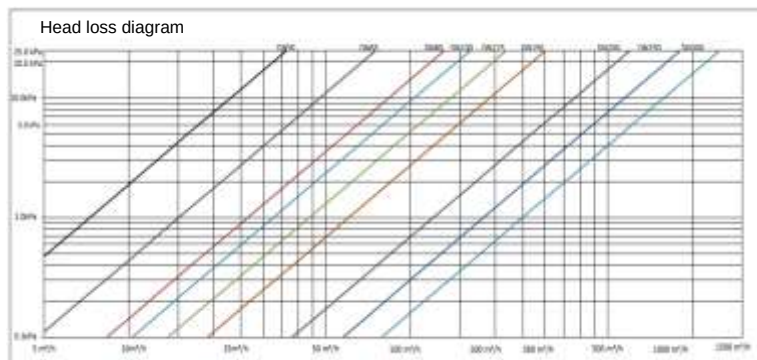
G. GIOANOLA

METERING EFFICIENCY

Ultrasonic flow meter for thermal energy for heating and cooling systems

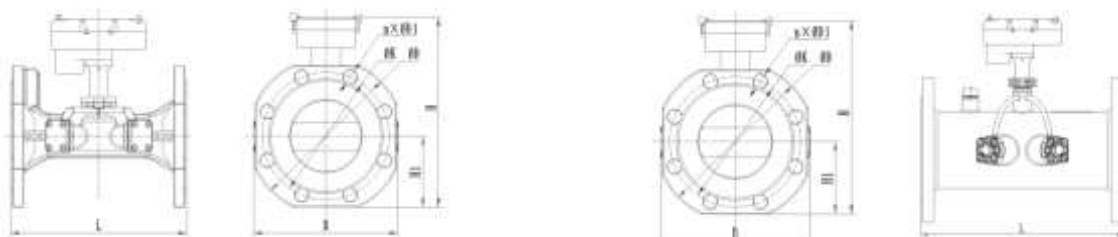
FLOW SONIC PLUS

- Mid approval: MI004
- Accuracy class: EN1434 classe 2
- Temperature range: 1 °C - 130 °C
- Flow meter consisting of a metal measuring insert connected to an electronic volume calculation unit
- Nominal flow rates from Qp 15 m³/h to Qp 600 m³/h
- The meter has a volume-only function that can be interfaced with heating/cooling heat energy calculation units
- Static ultrasonic meter without moving parts with installation on the return circuit
- Installation in any position
- IP68 protection rated
- Measuring range 1:250 from DN50 to DN100 with horizontal installation, other positions DN 1:100
- Not suitable for solutions containing glycol



DN	mm	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300
Nom. flow rate Qp	m³/h	15	25	40	60	100	150	250	400	600
Max flow rate Qs	m³/h	30	50	80	120	200	300	500	800	1200
Min flow rate Qi	m³/h	0.15	0.25	0.4	0.6	1	1.5	2.5	4	6
Starting flow	m³/h	0.01	0.02	0.03	0.05	0.08	0.1	0.2	0.3	0.4
Pulses K	L/pulse	10	10	10	10	100	100	100	100	100
Pulse duration	ms	100	100	100	100	100	100	100	100	100
Nominal pressure	PN	16	16	16	16	16	16	16	16	16
Protection rating	IP	68	68	68	68	68	68	68	68	68

DIMENSIONIS FOR PN 16 VERSION											
Nom size	DN	mm	50	65	80	100	125	150	200	250	300
Length	L	mm	200	200	225	250	250/350	300/350/500	350/500	400/600	450/500
Diameter	D	mm	165	185	200	220	250	285	340	405	460
Height	H	mm	221	232	253	273	360	390	450	510	565
Passage	K	mm	125	145	160	180	210	240	295	355	410
D HOLES	nxøL	mm	4xø18	4xø18	8xø18	8xø18	8xø18	8xø22	12xø22	12xø26	12xø26



We reserve the right to change the specifications, dimensions and weights given in this data sheet at any time without notice. Illustrations are not binding. 02-25



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