



# G. GIOANOLA

METERING EFFICIENCY

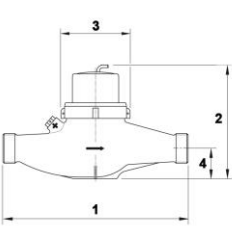
## CALC velocity heat meter suitable for hot water max 130 °C

- Suitable for heating, solar and industrial applications
- MI004 MID approved
- Accuracy class 2 or 3 EN1434
- Environmental class C
- Multi-jet hot water meter with magnetic couplings
- Horizontal installation only
- Certified temperature range from DN15 to DN40: +5 ... +130 °C; for DN50: +15 ... +130 °C
- Fully dry dial with large 8 numbered drums: 5 for cubic meters and 3 for submultiples and supplied with a metallic protection cover
- Working pressure PN16 (special version with PN25, flanged body available on request)
- Specific high resistance materials against wear and corrosion
- Flow sensors are connected to a separate electronic counter via a reed switch emitting sensor, available resolution: K 10. Max voltage: 28 V.100mA. Contact resistance: max.105 Ohm- Polarity: none- Pulse duration: ≥100ms -
- For vertical installation, either for vertical riser flows (CALC-VA) or down pipe flows (CALC -VD): DN20 G1"x R3/4" Qp 1,5-2,5 m³/h - DN25 G1.1/4"x R1" Qp 3,5-6,0 m³/h - DN40 G2"x R1.1/2" Qp 10 m³/h available on request
- For heating/cooling applications, please contact our Technical Office



Technical Data	DN15	DN20	DN25	DN32	DN40	DN50
Max Flow rate Qs (m³/h)	3	5	7	12	20	30
Nominal Flow rate Qp (m³/h)	1,5	2,5	3,5	6	10	15
Threaded connection (inches)	G3/4	G1	G1.1/4	G1.1/2	G2	G2.3/8
Min. Flow rate Qi (l/h)	30	50	70	120	200	300
Max. working pressure (bar)	16	16	16	16	16	16
Ratio Qi/Qp	1:50	1:50	1:50	1:50	1:50	1:50
1) Length without couplings (mm)	165	190	260	260	300	300
Length including couplings (mm)	245	288	378	378	438	454
2) Max height (mm)	155	155	170	170	190	199
3) Max diameter (mm)	97	97	103	103	140	151
4) Distance pipe – ground (mm)	36,5	36,5	49	49	62	57
Weight without couplings (kg)	~1,85	~2,10	~2,90	~2,90	~5,20	~7,4

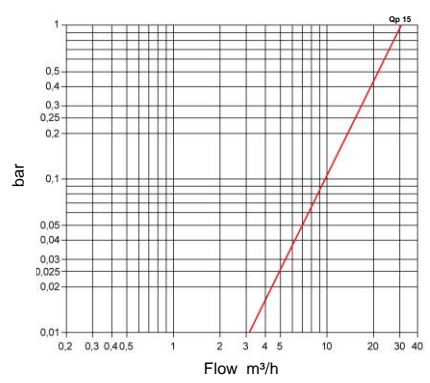
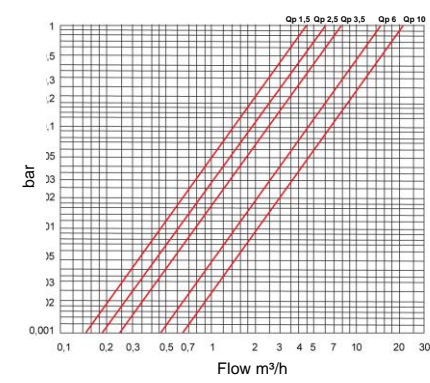
### CALC



### CALC-VA CALC-VD



### Head loss diagram



The company's policy is one of continuous product improvement and the right is reserved to modify the specifications contained herein without notice illustrations are not binding. 06-22