



SISMA

G. GIOANOLA

METERING EFFICIENCY

VOLUMETRIC METERS

R1000

MODELS
SVF/15 -SVF/20



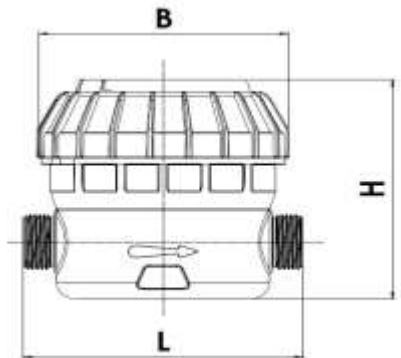
- ❖ VOLUMETRIC rotary piston counter, direct reading
- ❖ Model SVF available in DN15 and DN20 sizes, measuring range max R1000 both horizontally and vertically, for clean water, temperature class T50
- ❖ **U0-D0**: no straight pipe sections upstream and downstream of the meter are required
- ❖ All models are **MID** approved (module B+D), in accordance with **ISO 4064** and **OIML R49**
- ❖ All models are certified for use with potable water according to **Ministerial Decree 174, DWD Directive**
- ❖ All models, upon request, can be supplied with a plastic or brass body and ensure great quietness (<20 dB) and reduced overall dimensions in their category
- ❖ Suitable for horizontal and vertical installation

VOLUMETRIC METER

| DN size mm - inches | | | 15 - 1/2 | 15 - 3/4 | 20 - 3/4 |
|---------------------|----------------------------------|-------------------|-------------------------------|---------------------------|--------------------|
| Material | | | Composite | Brass | Brass |
| Q ₃ | Permanent flow rate | m ³ /h | 2,5 | 2,5 | 4 |
| Q ₄ | Max flow rate | m ³ /h | 3,125 | 3,125 | 5 |
| Q ₂ | Transitional flow rate[MPE ±2%] | l/h | 8 | 8 | 12.8 |
| Q ₁ | Minimum flow rate [MPE ±5%] | l/h | 5 | 5 | 8 |
| S | Starting flow R800/R315 | l/h | 0.5 | 0,5 | 0,5 |
| | Accuracy class | | 2 | 2 | 2 |
| | Environmental class | | C | C | C |
| ΔP | Pressure head loss | bar | 0,63 | 0,63 | 0,63 |
| MAP | Maximum allowed working pressure | bar | 16 | 16 | 16 |
| | Dial from/to | m ³ | 0,0001/ 100.000 | 0,0001/ 100.000 | 0,0001/ 100.000 |
| A | Length without couplings | mm | 110-115-145 165- 170 -190 | 110-115-145 165- 170 | 130-190 |
| | Length with couplings | mm | 190-195 210-225-250 270 | 190-195 210-225 250 | 210-270 |
| B | Max diameter for standard model | mm | 98.5 | 80 | 90 |
| C | Height with open lid | mm | 185 | 195 | 210 |
| D | Height with closed lid | mm | 105 | 110 | 130 |
| E | Height of tube | mm | 35 | 35 | 40 |
| | Weight with couplings | kg | 0,69 | 1,2 | 1,8 |
| | Weight without couplings | kg | 0,49 | 1 | 1,5 |
| | Threaded connections | | G3/4" x R1/2" | G3/4" x R1/2" | G1" x R3/4" |

MODELS:
Temperature class T50

SVF/15 DN 15 COMPOSITE
SVF/15 DN 15 BRASS
SVF/15 DN 15 (3/4) BRASS
SVF/20 DN 20 BRASS



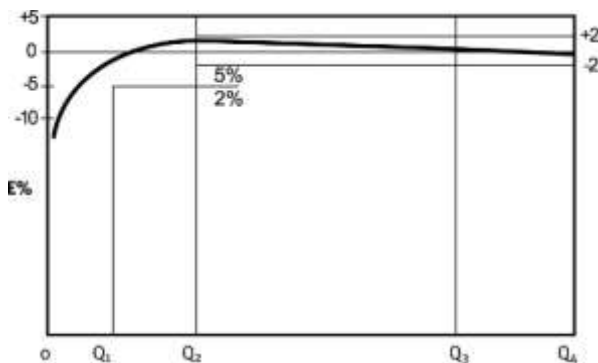
The Company's policy is one of continuous product improvement and the right is reserved to modify the specification contained herein without notice. Illustrations are not binding 02-25

AVAILABLE OPTIONS

- All models can be optionally equipped with a non-return valve
- All models are available with 5-digit dial
- The serial number (also in barcode format) can be engraved on the dial;
- All models can be supplied preset for inductive sensor K=1
- All models can be supplied complete with radio module with 868 Mhz frequency for remote reading with **LoRaWAN™** certified protocol and/or **868Mhz Wireless M-Bus OMS** single or combined with automatic switch



TYPICAL ERROR CURVE



HEAD LOSS DIAGRAM

