



SISMA

# G. GIOANOLA

METERING EFFICIENCY

## SIMPLEX

**VALVE METER  
FOR FLUSH-MOUNTED  
VALVES PRE-EQUIPPED  
FOR COMMUNICATION  
MODULE**



**DRY DIAL  
360° ROTATING DRY COUNTER  
AVAILABLE IN "SUPERPLUS" VERSION**

- ❖ Valve meter model SIMPLEX R80 DN 15, especially developed for retroactive installation in existing flush-mounted cut-off valves 1/2" and 3/4", temperature class T90, measuring range R80
- ❖ Available versions with 1/2" and 3/4" connections, easy to insert in the existing flush-mounted cut-off valves without need to damage walls and tiles
- ❖ Allowing to measure water consumption of a house, so that each user can be associated with the real volume of water used
- ❖ Straight reading on 8 numerical rolls
- ❖ Mounting position adjustable 360° relative to the center of the faucet
- ❖ Dry dial, 360° rotating counter, pre-equipped for wireless and wired M-Bus module for remote reading
- ❖ Modern and functional design to allow installations in your bathroom, WC or kitchen.
- ❖ MID approved according to European Directive 2014/32CE (module B + D) in compliance with the norms ISO 4064, EN 14154 and OIML R49

# SIMPLEX

Il vecchio rubinetto...



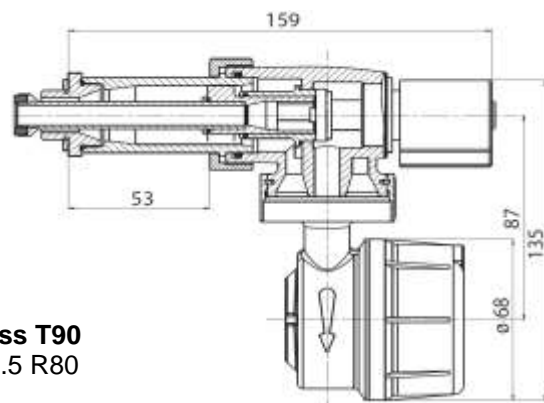
... viene smontato e...

... without breaking walls or tiles, the new tap-meter is easy to install..



Possibility of 360° adjustable mounting

Technical data			
Q <sub>3</sub>	Permanent flow rate	m <sup>3</sup> /h	2,5
Q <sub>4</sub>	Maximum flow rate for short period	m <sup>3</sup> /h	3,125
Q <sub>2</sub>	Transitional flow rate with measuring range R80 [MPE ±2%]	l/h	50
Q <sub>1</sub>	Minimum flow rate with measuring range R80 [MPE ±5%]	l/h	31.5
	Dial register from/to	m <sup>3</sup>	0,0001 / 99,999
MAP	Maximum allowed working pressure	bar	16
	Weight of full system	kg	1,500

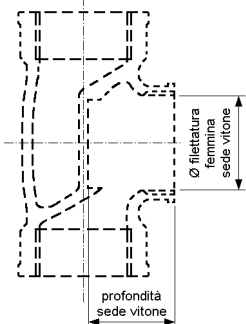


MODELS:

Temperature Class T90  
SIMPLEX/15 Q<sub>3</sub> 2.5 R80

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 binding 02-25

## INSTALLATION INSTRUCTIONS



The SIMPLEX tap-meter, available with 1/2" and 3/4" connections, is suitable to be mounted on the body under plaster of pre-existing built-in taps with the dimensions shown below. Furthermore it can't be installed on valves and ball valves and quick-flow valves. Always make sure, before ordering, that the pre-existing tap has these measurements and characteristics.

valve dimensions	G1/2"	G3/4"
screw seat depth mm	29 ± 1	32 ± 1

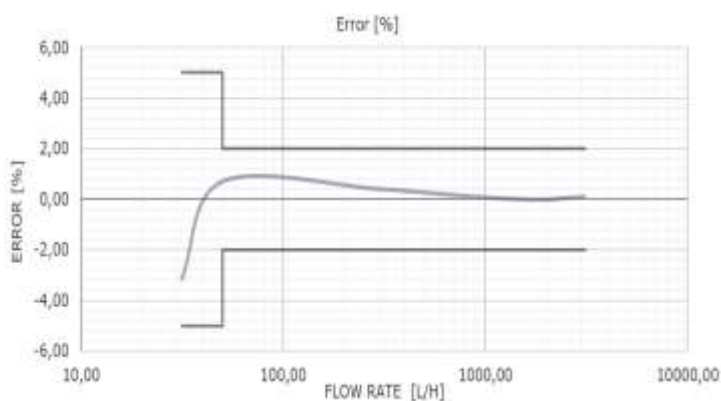
\* In case of different measures, please contact us communicating type of head and special measures for the supply of special adapters

## AVAILABLE OPTIONS

- Available, on request, SARC KIT, consisting of counter-tap + threaded adapters and seat depth extensions, as follows:
  - standard SIMPLEX G1/2" threaded adapter
  - threaded adapter Ø18 x 19"
  - threaded adapter Ø19 x 19"
  - threaded adapter Ø20 x 19"
  - extension 10 mm
  - extension 22 mm
  - extension 34 mm
- Available, on request, SIMPLEX superplus meter equipped with Wireless M-Bus radio module



## TYPICAL ERROR CURVE



## HEAD LOSS DIAGRAM

