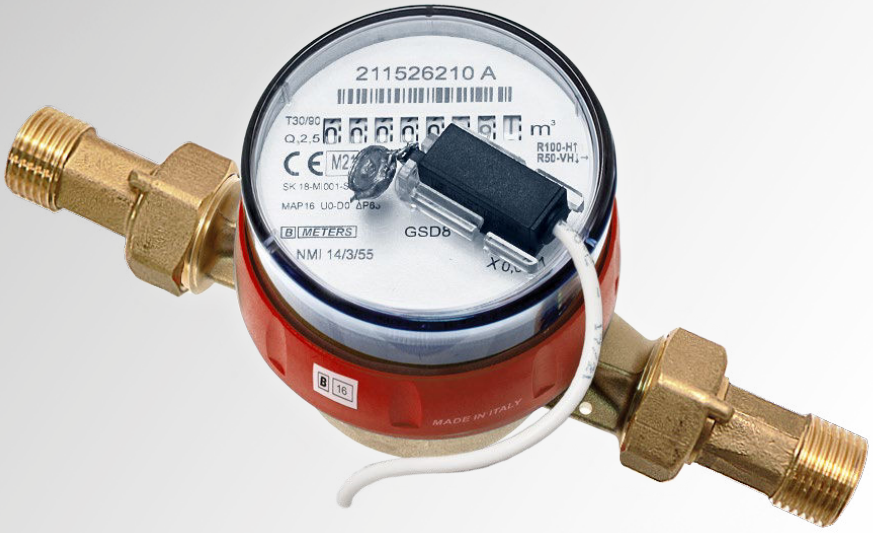
SINGLE JET
HOT WATER METER
SERIES GSD

B METERS
metering solutions

Lead Free

NMI
APPROVED
14/3/55



HOT WATER METER WITH PULSE OUTPUT

FUNCTION AND FEATURES

- **Single jet meter**
  Reliable single jet meter technology provides a cost effective solution with long service life.
- **360° rotating dial**
  Sealed dry register with 360° rotation provides ease of reading.
- **Upside down installation**
  The GSD8 model features an improved mechanism allowing installation upside down.
- **Scannable Barcode**
  Serial number provided in both a number and barcode format for ease of asset management.
- **Pulse output**
  REED pulse output cable included providing 1 pulse / 1L
- **Couplings & check valve included**
  The meters include meter coupling tails with integrated check valve as standard.

PRODUCT SPECIFICATIONS

The GSD series is a compact single jet water meter suitable for hot water installations. They are available in 15mm and in 20mm and feature a dry dial with direct reading on 8 numerical rolls on the GSD8, or 5 numerical rolls and 4 indicator dials on the GSD5.

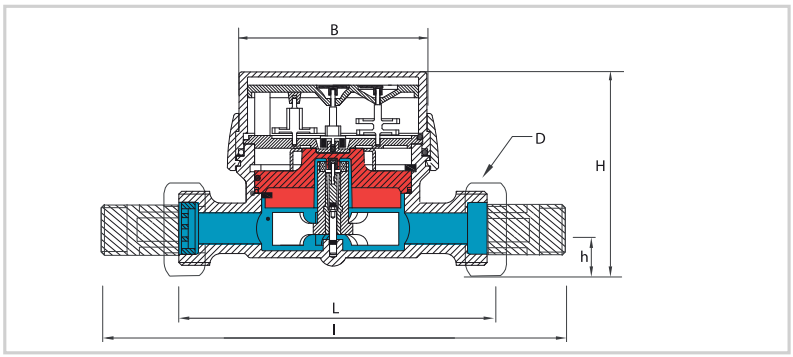
The meters are supplied with a pulse output cable, as well as meter couplings with a non-return valve integrated into the outlet coupling. The meter face has a serial number and scannable barcode for ease of asset management.

The GSD series are made in Italy by B Meters; it is a quality, cost effective water meter, with a long life expectancy. The GSD series are suitable for indoor use only.

The GSD8 model features an improved reading mechanism for low friction operation, resulting in the ability to install it upside down whilst remaining compliant with its R50 accuracy ratio.

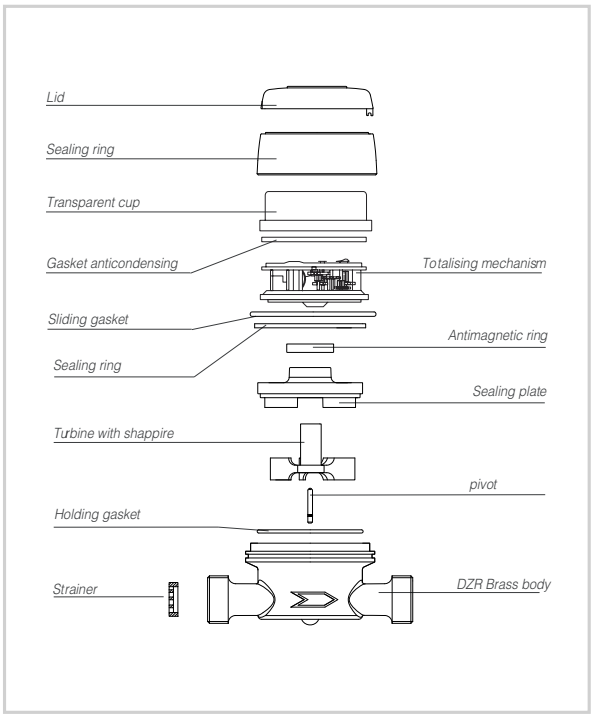
Note that other sizes of hot water meters are also available in the multijet water meter range, however, are not Watermark approved. See the GMDM series brochure for more information.

DIAGRAM



SIZE	DN15	DN20
L	110mm	130mm
l	190mm	228mm
H	73mm	73mm
h	18mm	18mm
B	85mm	85mm
D	3/4"	1"
WEIGHT	0.65 kg	0.85 kg

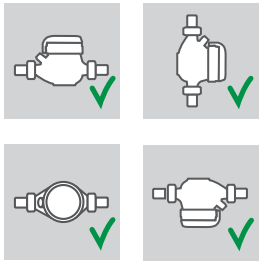
CODE	DESCRIPTION
GSD8-R-15H	GSD8 series 15mm single jet hot water meter with check valve and couplings, direct reading on 8 numerical rolls. 1L/pulse output.
GSD8-R-20H	GSD8 series 20mm single jet hot water meter with check valve and couplings, direct reading on 8 numerical rolls. 1L/pulse output.



SPECIFICATIONS

SIZE	15mm		20mm	
ORIENTATION	H↑ horizontal face up	VH↓→ side / vertical upside down	H↑ horizontal face up	VH↓→ side / vertical upside down *
MINIMUM FLOWRATE Q1 (M3/H)	0.025	0.05	0.02	0.08
TRANSITIONAL FLOWRATE Q2 (M3/H)	0.04	0.08	0.032	0.128
MAX CONTINUOUS FLOWRATE Q3 (M3/H)	2.5	2.5	4.0	4.0
OVERLOAD FLOWRATE Q4 (M3/H)	3.125	3.125	5.0	5.0
RATIO Q3/Q1	100	50	200	50
TEMPERATURE RANGE (HOT)	30 - 90 °C			
MAX ADMISSIBLE PRESSURE	1600 kPa			

INSTALLATION POSITION



* 20mm water meters may be installed in side, vertical and upside down orientations and is approved for these orientations under OIML R49-1 / ISO 4064-1, however, the 20mm is only NMI certified for horizontal installation due to the R200 ratio requirement of 20mm meters in Australia.

WE RESERVE THE RIGHT TO CHANGE OUR PRODUCTS AND THEIR RELEVANT TECHNICAL DATA, CONTAINED IN THIS PUBLICATION, AT ANY TIME AND WITHOUT PRIOR NOTICE.