

FEATURES

- Single-jet impeller Flowmeter measurement.
- Direct reading on 8 numeric dials.
- Compact light-weight design.
- Accuracy $\pm 2\%$ (Qt-Qs)
- Operates in water temperature up to 90°C.
- Passes small solids without jamming.
- Low head losses -ideal for gravitational flows.
- Readout can be swiveled to any position (360 Degrees).
- Optional pulse output for logging, remote displays etc.
- Screwed ends with coupling connectors as standard.
- Approved according to MID standards up to R160H - R50V

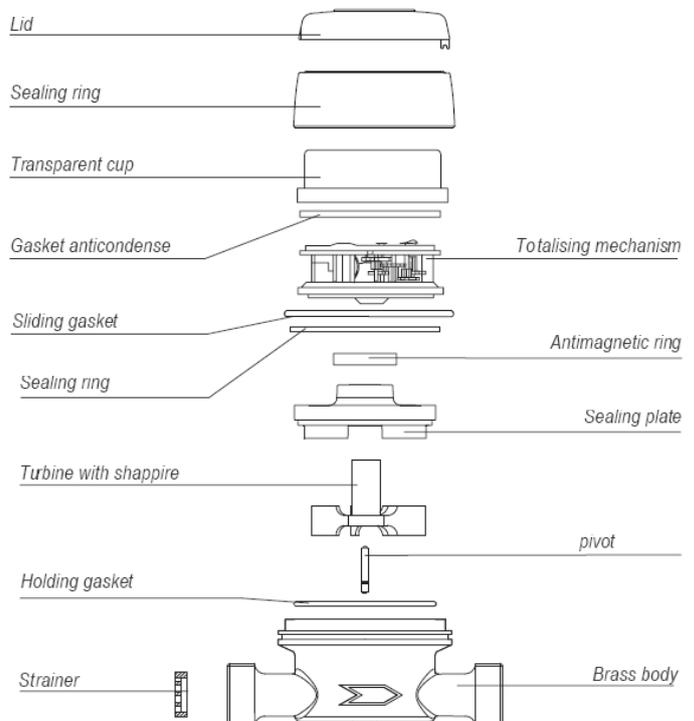


The BMH 15 and 20mm GSD8 single-jet totaliser water meters operate on the velocity principle, where water enters the flowmeter and drives the inner rotor. The meter has a very easy-to-read totaliser mechanism displaying down to 1 Litre. A clock dial further indicates in 0.1 Litre increments. Ideal for hot water tanks and other applications where compactness and weight are installation issues. BMH meters are optionally configured with a volt-free Reed Switch contact closure pulse output for water monitoring, data logging and other applications where a remote read is required. (15mm and 20mm size with 1 litres per pulse) with 3 metre 2 wire cable lead. The register is waterproofed and long durability and elevated precision is guaranteed.

TECHNICAL FLOW DATA & PARTS

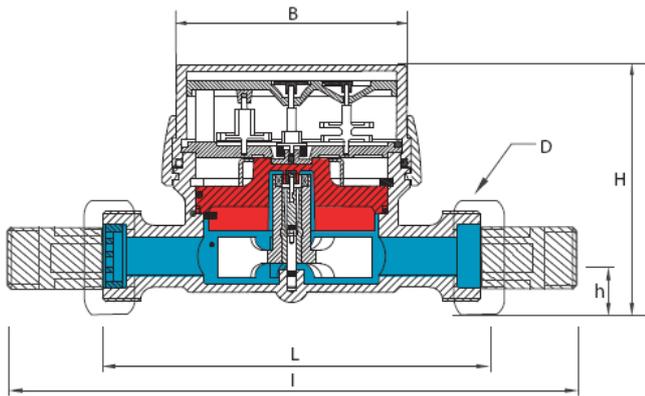
BMH

Size	DN	mm in	15 (1/2")	20 (3/4")
Overload flow rate	Q ₄	m ³ /h	3,12	5
	Q ₃	m ³ /h	2,5	4
Permanent flow rate	Q ₂	l/h	40	64
	Q ₁	l/h	25	40
R = 100H	Q ₂	l/h	25	40
	Q ₁	l/h	15,63	25
Min reading		l	0,05	
	Max reading	m ³	99.999	
	Max admissible pressure MAP	bar	16	



DIMENSIONS & WEIGHTS

BMH



Calibro	mm in	15 (1/2")	15 (1/2")	15 (1/2")	20 (3/4")	
L	mm	80	110	115	130	
I	mm	160	190	195	228	
H	mm	73	73	73	73	
h	mm	18	18	18	18	
B	mm	74	74	74	74	
D	Threading	in	3/4"	3/4"	7/8"-3/4"	1"
Weight	with unions	Kg	0,60	0,65	0,70	0,85
	without unions	Kg	0,45	0,50	0,55	0,60

INSTALLATION POSITION

BMH



The meters are pre-calibrated and can be mounted in any position (vertical and horizontal) **except** upside down. The design allows for a low risk of corrosion or sedimentation.

OPTIONAL PULSE OUTPUT

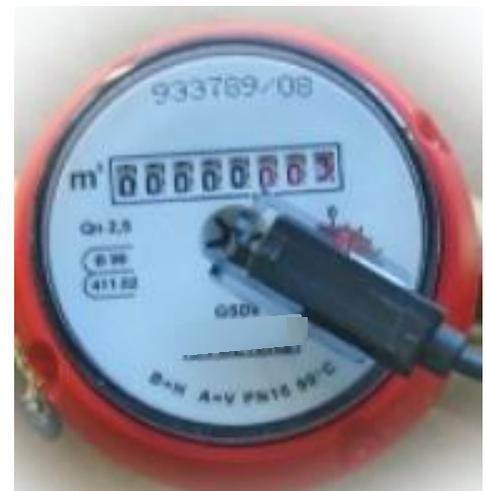
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Optional Pulse Cable: 2-core, 3.0 metre length 2-wire termination.



Reed Characteristics

Max voltage	24V
Min voltage	0,02V
Max Interrupted Current	0,5A
Max Bearble Current	1,2A
Max Power	10W / VA
Cable Length	3 mt



ORDER CODES

BMH

BMH-15	15mm (1/2") mechanical only
BMH-15-R1	15mm (1/2") mechanical + 1 Litre per pulse
BMH20-20	20mm (3/4") mechanical only
BMH20-R1	20mm (3/4") mechanical + 1 Litre per pulse

*Meters are made in Europe and meet European standards of quality and accuracy.
Approved according to MID standards up to R160H - R50V.

ManuFlo®™

Flow Measurement & Control Products

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a division of

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