

VOLUMETRIC ROTARY PISTON METER ASM LXH SA1508 15mm, 20mm & 25mm

Brass Cold Water Meter

APPLICATION

- Measures the volume of clean, cold water passing through a pipeline.
- Billing purposes.

FEATURES

- DZR brass body.
- Optimum accuracy and performance in any position (horizontal or vertical).
- Rotating piston.
- Clear, easily read, liquid sealed 8 digit counter.
- Measuring accuracy approved to SANS 1529-1: 2006.
- Internal Non-Return Valve and Strainer.
- Each meter has a unique serial number.
- Pulse prepared.
- Inlet and Outlet threads compatible with ISO metric sizes.

MAXIMUM PERMISSIBLE ERRORS

- In the lower zone from q_{min} inclusive up to but excluding q_t is $\pm 5\%$.
 - In the upper zone from q_t inclusive up to and including q_s is $\pm 2\%$.
- Example q_{min}

WORKING CONDITIONS

- Working temperature: $2^{\circ}\text{C} \sim 40^{\circ}\text{C}$.
- Nominal pressure: 1600 kPa (16 Bar).
- Maximum test pressure: 4800 kPa (48 Bar).

COMPLIANCE STANDARD:

- Conforms to SANS 1529-1: 2006 (Class C).
- Conforms to ISO4064: Class C.

INSTALLATION REQUIREMENTS

- May be installed on a horizontal or vertical pipeline.
- Pipeline must be flushed before installation.
- Meters should be constantly full of water during operation.

IMPORTANT NOTICE

- Meter to be used with brass Tailpieces/Connectors.
- No Hemp to be used during installation.
- No soldering or heat to be applied during installation.



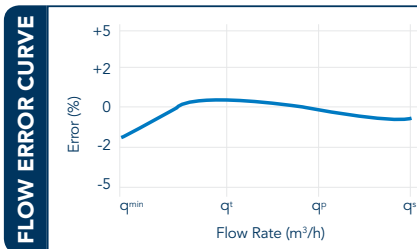
MAIN TECHNICAL SPECIFICATIONS

Type	Size (mm)	Class	m³/h				m³		Pulse Value (Per Pulse)
			q ^s	q ^p	q ^t	q ^{min}	Min. Reading	Max. Reading	
			Max. Flow	Nominal Flow	Transitional Flow	Min. Flow			
LXH - 15	15	C	3	1,5	0,023	0,015	0,00002	9999	500 ml
LXH - 20	20	C	5	2,5	0,038	0,025	0,00002	9999	500 ml
LXH - 25	25	C	7	3,5	0,052	0,035	0,00002	99999	5 l

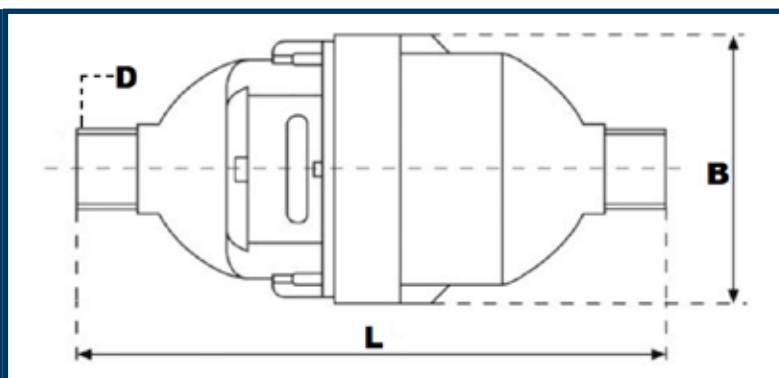


DIMENSIONS TABLE

Type	Size (mm)	L	B	D	$\pm$ Weight per Meter (kg)	$\pm$ Weight per Meter (kg)	Per Box of 10 Meters	
		Length (mm)	Width (mm)	Connection Thread			$\pm$ Weight (kg)	Dimensions (mm)
15	15	114	86	BSP 20mm	0,86	9	12	540 x 245 x 125
15	20	165	85	BSP 25mm	1	10,5	12	540 x 245 x 125
114	25	200	104	BSP 32mm	1,6	16,6	4,2	300 x 220 x 170



DIMENSIONS



HEAD LOSS DATA

