

INFERENCEAL METERS

LXSG 25mm-50mm

Brass Dry Dial Cold & Hot Water Meter (Export Only)



APPLICATION

- Measures the volume of cold water passing through a pipeline.

FEATURES

- DZR brass body, epoxy coated.
- Magnetic drive.
- Dry type indicator for clear reading.
- Inlets Strainer.
- Pulse prepared with different pulse settings available.
- Capable for recalibration.
- Not sensitive to fine solids.
- Supplied with brass Tailpieces/Connectors.
- Each meter has a unique serial number.
- 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 $\pm 2\%$ (Hot water meter: $\pm 3\%$).

WORKING CONDITIONS

- Working temperature: $\leq 50^\circ\text{C}$ for cold water: 1600 kPa (16 Bar)
- Working temperature: $\leq 90^\circ\text{C}$ for hot water: 1000 kPa (10 Bar)

COMPLIANCE STANDARD

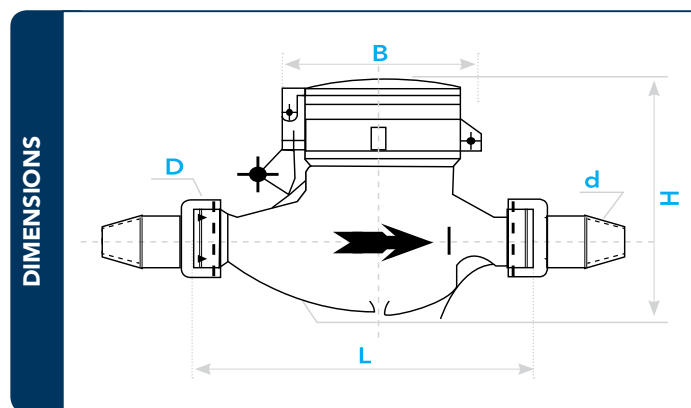
- 40mm Water Meter Complies with SANS 1529-1: Class C.
- Conforms to ISO4064: Class B.

INSTALLATION REQUIREMENTS

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

IMPORTANT NOTICE

- No Hemp to be used during installation.
- No soldering or heat to be applied during installation.



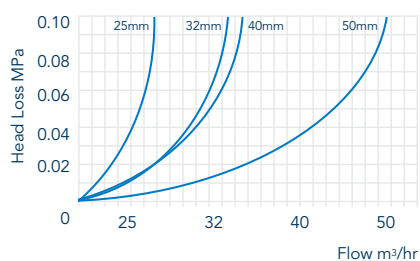
MAIN TECHNICAL SPECIFICATIONS

Type	Size (mm)	Class	m³/h				m³		Pulse Values (Per Pulse) Available on request
			q ^s	q ^p	q ^t	q ^{min}	Min. Reading	Max. Reading	
			Max. Flow	Nominal Flow	Transitional Flow	Min. Flow			
LXSG - 25	25	B	7	3,5	0,28	0,7	0,0005	99999	1ℓ or 10 ℓ or 100 ℓ
LXSG - 32	32	B	12	6	0,48	0,12	0,0005	99999	1ℓ or 10 ℓ or 100 ℓ
LXSG - 40	40	B	20	10	0,8	0,2	0,001	999999	10 ℓ or 100 ℓ
		C	20	10	0,15	0,1	0,001	999999	10 ℓ or 100 ℓ
LXSG - 50	50	B	30	15	1,2	0,3	0,001	999999	10 ℓ or 100 ℓ

DIMENSIONS

Type	Size (mm)	L	B	H	D	$\pm$ Weight per Meter (kg)	Per Box of 10 Meters		
		Length (mm)	Width (mm)	Height (mm)	Connection Thread		QTY Per Box	$\pm$ Weight (kg)	Dimensions (mm)
LXSG - 25	25	220	104	116	BSP 32mm	1,8	5	12	540 x 245 x 125
LXSG - 32	32	225	104	126	BSP 40mm	1,9	5	12	540 x 245 x 125
LXSG - 40	40	B: 245	124	147	BSP 50mm	3,3	2	7,1	270 x 285 x 165
		C: 300	124	147	BSP 50mm	3,6	2	7,7	300 x 285 x 165
LXSG - 50	50	300	122	170	BSP 65mm	4,2	1	4,2	300 x 220 x 170

HEAD LOSS DATA



FLOW ERROR CURVE

