

## VOLUMETRIC ROTARY PISTON METER

### ASM LXHB - 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:  $2^{\circ}C \sim 40^{\circ}C$ .
- 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 Tail pieces/Connectors.
- No Hemp to be used during installation.
- No soldering or heat to be applied during installation.

### MAIN TECHNICAL SPECIFICATIONS

Type	Size (mm)	Class	m <sup>3</sup> /h				m <sup>3</sup>		Pulse Value (Per Pulse)
			q <sup>i</sup>	q <sup>n</sup>	q <sup>t</sup>	q <sup>min</sup>	Min. Reading	Max. Reading	
			Max. Flow	Nominal Flow	Transitional Flow	Min. Flow			
LXHB 15	15	C	3	1,5	0,023	0,015	0,00002	9999	500 ml
LXHB 20	20	C	5	2,5	0,038	0,025	0,00002	9999	500 ml
LXHB 25	25	C	7	3,5	0,052	0,035	0,00002	99999	5 l

### DIMENSIONS TABLE

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

