



GLOBAL **VALVE** TECHNOLOGY

## Volumetric Rotary Piston Water Meter



◆ **LXH-25B(DN25)**

### Application

- ◇ Measuring the volume of cold potable water passing through the pipeline.

### Features

- ◇ Ensures high sensitivity and accurate registration throughout a wide flow range.
- ◇ Mechanical transmission movement equates to maximum reliability.
- ◇ Corrosion resistant body.
- ◇ Liquid-sealed register.
- ◇ Easy reading and long term clear reading.
- ◇ Low starting flow rate.
- ◇ Internal non return valve.
- ◇ Internal strainer.
- ◇ Can be equipped with reed switch option.

### Indication

- ◇ Cubic meter( $m^3$ ) and U. S. gallon (USG) for selecting.

### Compliance with Standard

- ◇ Technical data conforms to ISO 4064 Class C Standard.

### Working Conditions

- ◇ Water temperature: $\leq 40^\circ$ .
- ◇ Water pressure: $\leq 1.6$ MPa.



### Main Technical Data

Nominal diameter	DN	25	
Maximum flow rate	m <sup>3</sup> /h	Qmax	7.0
Nominal flow rate	m <sup>3</sup> /h	Qn	3.5
Transition flow rate	l/h	Qt	52.5
Minimum flow rate	l/h	Qmin	35
Maximum reading	m <sup>3</sup>		9999.9999
Minimum reading	m <sup>3</sup>		0.0001
Minimum graduation	L		0.02

Maximum Permissible Error:

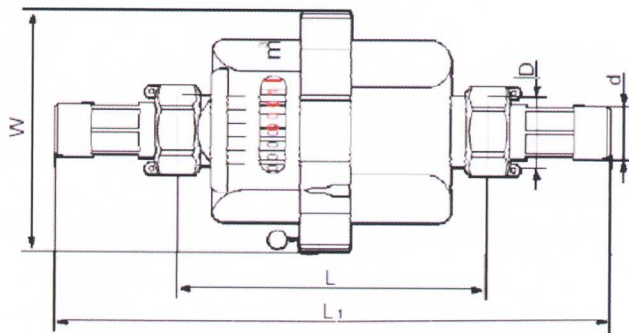
- ◇ In the lower zone from Qmin inclusive up to but excluding Qt is ±5%.
- ◇ In the upper zone from Qt inclusive up to and including Qmax is ±2%.

### Dimensions and Weights

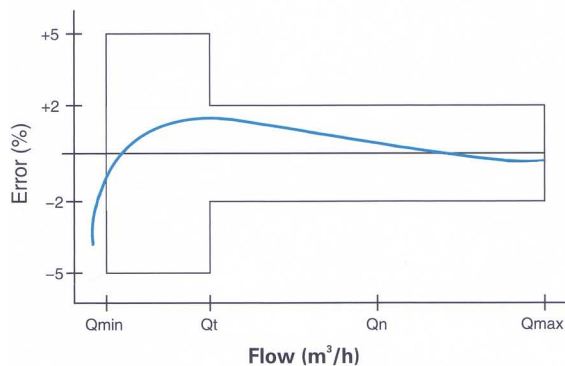
Nominal diameter	DN	25	
Body thread	D	KS80x3	
Connector thread	d	WHITWORTH 14 TPI Thread	
Body length	mm	L	178
Overall length	mm	L <sub>1</sub>	290
Width	mm	W	112
Weight without connectors	Kg		1.8
Weight with connectors	Kg		2.32

◇ "L<sub>1</sub>" is the total length when coupling gaskets without compression.

### Dimension Picture



### Accuracy Curve



◇ Nominal diameter and arrow are indicated on the side of the body, which we can see from dimensions picture.

◇ Maximum flow rate and arrow are indicated on the other side.

For example:

### Head Loss Curve

