GLOBAL VALVE TECHNOLOGY

Multi-jet Dry Type Vane Wheel Water Meter With Rotary Register

◆ LXSC-50Z(DN50)

(Flanged ends)

Application

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

Features

◇With external regulating device.

◇Magnetic drive, lower transmission resistance.

◇Magnetic shield, for external magnetic field protection.

◇Sealed dry dial register ensures clear reading.

◇Register can rotate more than 360° for easily reading in any position.

◇Internal strainer. Inlet strainer for selecting.

◇Non return valve for selecting besides LXSC-50Z,

◇There are two versions DN50 meter body to choose: with threaded ends and with flanged ends.

◇Meter for hot water is available.

◇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 B Standard for horizontal installation.

Working Conditions

◇Water temperature:≤40°.

◇Water pressure:≤1.6MPa.

GLOBAL VALVE TECHNOLOGY

Main Technical Data

Nominal diameter		DN	50
Maximum flow rate	m^3/h	Qmax	30.0
Nominal flow rate	m^3/h	Qn	15.0
Transition flow rate	l/h	Qt	1200
Minimum flow rate	l/h	Qmin	300
Maximum reading		m^3	999999.999
Minimum reading		m^3	0.001
Minimum graduation		L	0.5

Maximum Permissible Error:

◇In the lower zone from Qmin inclusive up to but excluding Qt is ±5%.

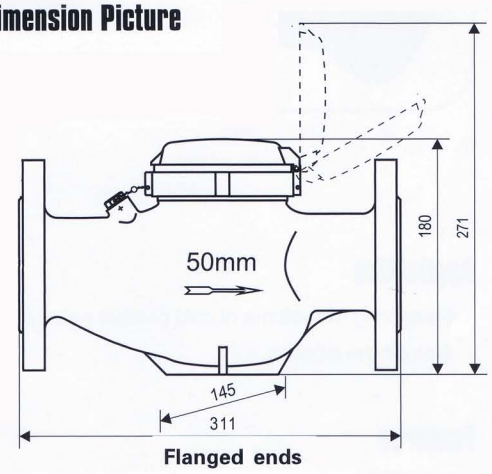
◇In the upper zone from Qt inclusive up to and including Qmax is ±2%.

Dimensions and Weights

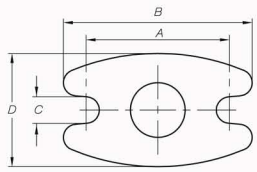
Nominal diameter		DN	50
Body thread		D	$G2\frac{1}{2}B$
Connector thread		d	R2
Body length	mm	L	300
Overall length	mm	L_1	448
Width	mm	W	145
Meter height	mm	H	180
Working height	mm	H_1	271
Weight without connectors	Kg		
Weight with connectors	Kg		

◇"L_1" is the total length when coupling gaskets without compression.

Dimension Picture

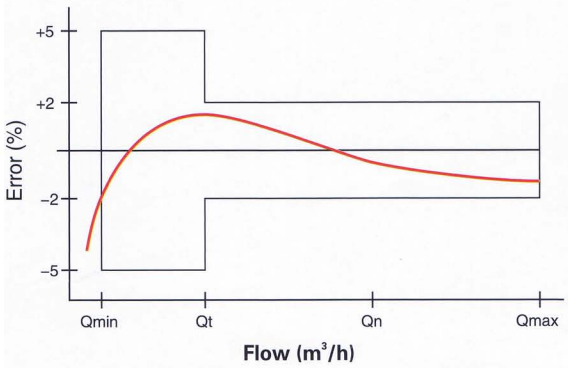


Flanged ends



Nominal diameter DN	Dimensions, mm A	B	C	D
50	108 ±1.5	140 ±3.0	18 ±1.5	86 ±3.0

Accuracy Curve



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

◇Maximumflowrate and arrow are indicated on the other side.

For example:

Head Loss Curve