



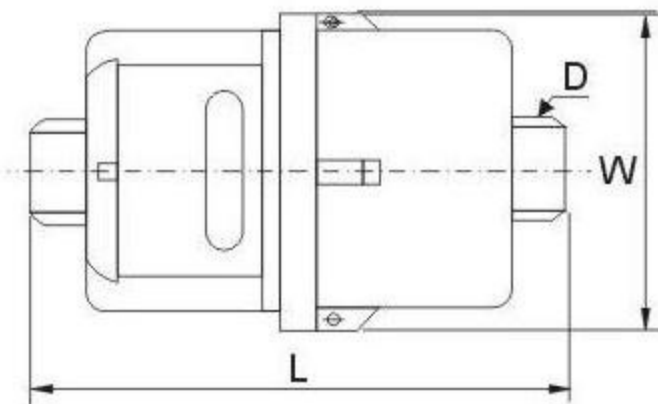
LXH - 20 ~ 40



LXH - 15



LXH - 15/F



LXH-15~20

### Technical Data

Nominal size DN(mm)	Class of measurement	Overload flow-rate $q_s(m^3/h)$	Permanent flow-rate $q_p(m^3/h)$	Transitional flow-rate $q_t(l/h)$	Minimum flow-rate $q_{min}(m^3/h)$	Minimum reading $M_{in}(m^3)$	Maximum reading $M_{max}(m^3)$
15	C D	3	1.5	22.5 17.5	15.0 11.25	0.0001	9999
20	C D	5	2.5	37.5 28.75	25 18.75	0.0001	9999
25	C D	7	3.5	52.5 40.25	35 26.5	0.0001	9999
40	C D	20	10	150 115	100 75	0.0001	9999

### Overall Dimension and Weight

Type	Size (mm)	Length (mm) L	Width (mm) W	Height (mm) H	Connecting Thread D	Weight (kg)
LXH-15	15	200	115	90	G $3/4$ " B	1.1
LXH-20	20	270	165	90	G 1" B	1.8
LXH-25	25	310	200	106	G 1 $1/4$ " B	2.5
LXH-40	40	358	227	152	G 2" B	4
LXH-15E	15	165	95	115	G $3/4$ " B	1.7
LXH-20E	20	190	100	120	G 1" B	2.0

### Operation:

A volumetric meter is the device fitted into a closed conduit, which consists of chambers of known volume and a mechanism driven by the flow, whereby these chambers are successively filled with water and then emptied. The water to be measured enters the inlet of the body and its pressure sets the piston into rotation. Every rotational cycle of the piston discharge a fixed volume of water to the meter of body. The number of rotation of the piston is totalized through a reduction gear, to totalize in the register, when the total volume of water is registered.

### Features:

- Rotary piston system, long service life
- Dry-dial or liquid sealed register, keeps clear reading for long time
- High measuring accuracy, the starting flow of the meter is 2 l/h or less
- LXH-15-20 can be installed in any position
- Brass body or engineering plastic body, optional
- m<sup>3</sup> or gal, optional
- Remote transmission device can be added upon request
- Many kinds of sensors, such as Reed Switch, Hall and Weagand can be supplied upon request
- Pulse output may be 1l/pulse , 10l/pulse
- The meters conform to ISO4064 standard Class C or Class D

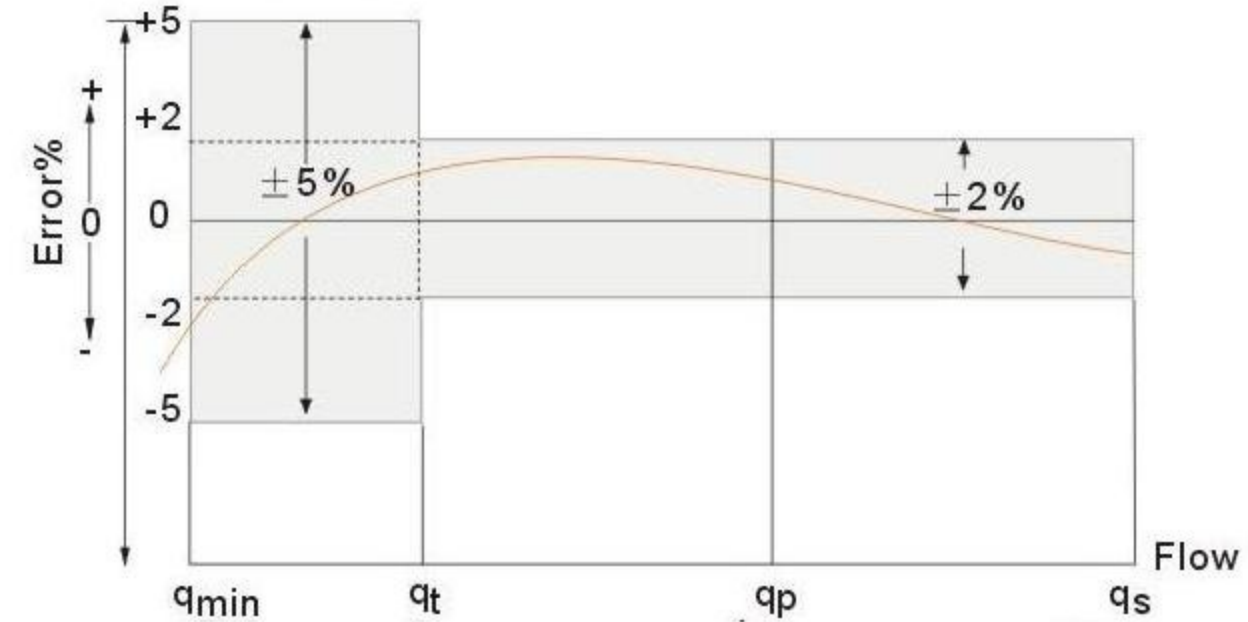
### Working Condition

- Water temperature  $\leq 45^{\circ}\text{C}$
- Water pressure  $\leq 1\text{MPa}$   
(PN: 1.6MPa/16bar)
- $\Delta P \leq 0.1\text{MPa}$

### Accuracy

- From minimum flow-rate ( $q_{\min}$ ) inclusive, to transitional flow-rate ( $q_t$ ), exclusive:  $\pm 5\%$
- From transitional flow-rate ( $q_t$ ) inclusive, to overload flow-rate ( $q_s$ ), exclusive:  $\pm 2\%$

### Error Curve



### Headloss Curve

