



LXH-(15-40)

Rotary Piston Water Meter (Volumetric Meter)

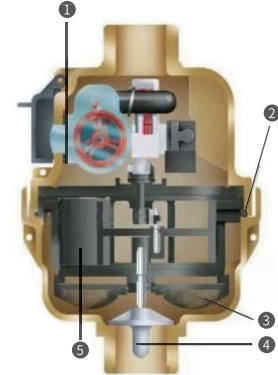
LXH-(15-40)

Rotary Piston Water Meter (Volumetric Meter) ▼

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 fitted with water and then emptied.

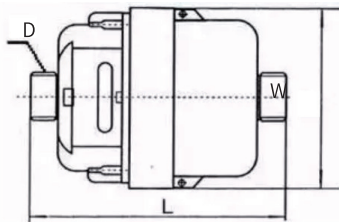
The water to be measured enters the inlet of the body and its pressure sets the piston into rotation. Every rotational cycle of the piston discharge a fixed volume of water to the meter of body.

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.



- ① Easy to read register
- ② "O" ring seal
- ③ Strainer
- ④ Optional non-return valve
- ⑤ Grooved piston design gives long working life and reduces blockages

Size Diagram

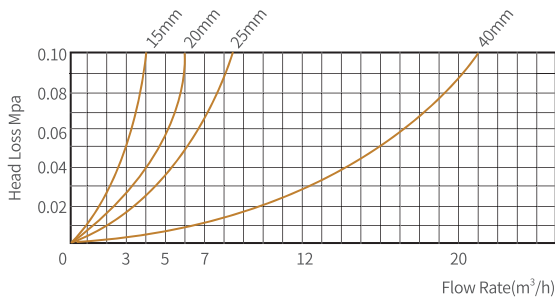


DN15-DN25

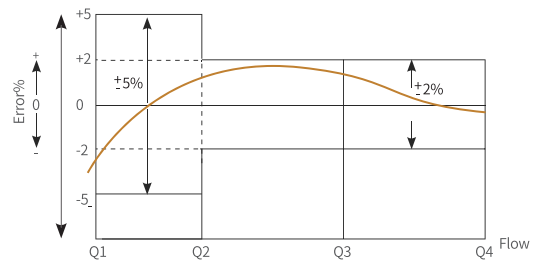
DN32/40



Head Loss Curve



Error Curve



HYDRAULIC PERFORMANCE						
Size	mm	LXH-15	LXH-20	LXH-25	LXH-32	LXH-40
	inches	1/2"	3/4"	1"	1 1/4"	1 1/2"
Metrological class		R160				
Q3	m ³ /h	2.5	4	6.3	10	16
Q2	l	2.5	4	6.3	10	16
Q1	l	15.625	25	39.375	62.5	100
TECHNICAL SPECIFICATIONS						
Maximum permissible error		±5%				
Between Q1 and Q2 (excluded)						
Maximum permissible error		±2% with water temperature ≤ 30°C				
Between Q2 (included) and Q4						
Temperature class		Cold water: 0°C ~40°C				
Nominal pressure	bar	16	16	16	16	16
Min reading	m ³	0.01	0.01	0.01	0.01	0.01
Max reading	m ³	9999, 9999	9999, 9999	9999, 9999	9999, 9999	9999, 9999
Pulse options	l/imp.	1L	1L	1L	10L	10L
DIMENSIONS						
L	mm	115	165/190	170/260	260	300
W	mm	90	96	112	139	174
CONNECTING THERAD						
		G3/4"	G1"	G1 1/4" B	G1 1/2" B	G2" B