

**LXS-15F~50F****NG5**

**LIQUID SEALED
VANE WHEEL
WATER METER**



Από το 1882

ΧΡΥΣΑΦΙΔΗΣ Α.Ε.**Application**

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

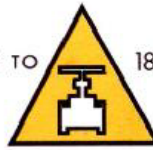
Features

Liquid sealed register, small starting flow rate for wet type, long term clear reading for dry type etc particularly suited in lower quality water.

Note:

1. Technical data conform to International Standard ISO4064
2. Available in hot water meter range 15mm from 32mm on request.

5/5/2006



ΧΡΥΣΑΦΙΔΗΣ Α.Ε.

LIQUID SEALED VANE WHEEL WATER METER

Working Condition

Water temperature:

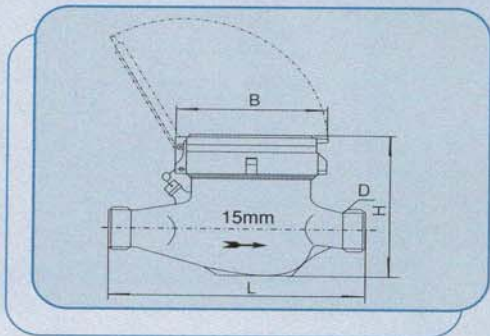
≤40°C for cold potable water meter

≤90°C for hot water meter

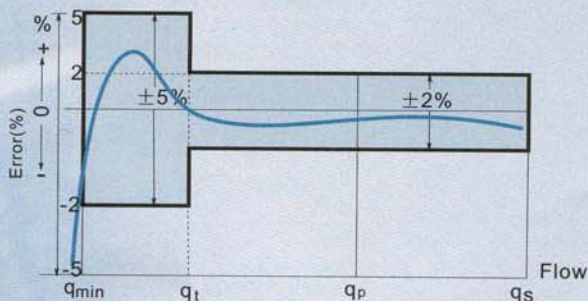
Water pressure: ≤1Mpa

Maximum Permissible Error

- 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 cold potable
water meter $\pm 2\%$
(Hot water meter $\pm 3\%$)



Flow Error Curve



Main Technical Data

Type	Size mm	Class	q_s Max. Flow	q_p Nominal Flow	q_t Transitional Flow	q_{min} Min Flow	Min. Reading	Max. Reading
					m^3/h	L/h		m^3
LXS-15F	15	A	3	1.5	0.15	60	0.0001	99999
		B			0.12	30		
		C			0.0225	15		
LXS-20F	20	A	5	2.5	0.25	100	0.0001	99999
		B			0.20	50		
		C			0.0375	25		
LXS-25F	25	A	7	3.5	0.35	140	0.0001	99999
		B			0.28	70		
		C			0.0525	35		
LXS-32F	32	A	12	6	0.60	240	0.0001	99999
		B			0.48	120		
		C			0.09	60		
LXS-40F	40	A	20	10	1.00	400	0.001	999999
		B			0.80	200		
		C			0.24	100		
LXS-50F	50	A	30	15	1.50	600	0.001	999999
		B			1.20	300		

Dimensions and Weight

Type	size	Length L	Width B	Height H	Connecting Thread D	Weight kg
		mm				
LXS-15F	15	145/165	94	115.5/110.5	G 3/4B	1.2/1.3
LXS-20F	20	190/195	94	117/112	G 1B	1.3/1.4
LXS-25F	25	260/225	118	126/122	G1 1/4B	1.65/1.57
LXS-32F	32	260/230	118	126/122	G1 1/2B	2.23/2
LXS-40F	40	300/245	122	148.5	G 2B	4/4.4
LXS-50F	50	300/280	125	184	G2 1/2B	4.3
		300	165	172	法兰连接GB4216.4-84 D=φ165 D=φ125	10/5

Pressure Loss Curve

