
MULTI-JET WET TYPE VANE WHEEL WATER METER

MODEL: LXS-15E-50E



APPLICATION

Measuring the volume of cold potable water passing through the pipeline

FEATURES

By using combined pointer and digit wheel counting device this meter is characterized by advanced structure visible reading, good looking and accurate measurement, long working life. Class C water meter is available for 15mm (1/2 inch) and 20mm (3/4 inch).

WORKING CONDITION

Water temperature: $\leq 50^{\circ}\text{C}$ for cold water meter

$\leq 90^{\circ}\text{C}$ for hot water meter

Water pressure: $\leq 1\text{MPa}$ or 1.6MPa optional
(10bar or 16bar optional)

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 water meter $\pm 2\%$, hot water meter $\pm 3\%$.

NOTE

Technical data conform to International Standard ISO4064

MAIN TECHNICAL DATA

NINGBO AIMEI METER MANUFACTURE CO., LTD.

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Type	Size (mm)	Class	Qn Max. Flow	Qp Nominal Flow	Qn Transitional Flow	Qmin Min. Flow	Min. Reading	Max. Reading
			M ³ /h		L/h		M ³	
LXS-15E	15	A	3	1.5	150	60	0.0001	99999
		B			120	30		
		C			22.5	15		
LXS-20E	20	A	5	2.5	250	100	0.0001	99999
		B			200	50		
		C			37.5	25		
LXS-25E	25	A	7	3.5	350	140	0.0001	99999
		B			280	70		
		C			52.5	35		
LXS-32E	32	A	12	6.0	600	240	0.0001	99999
		B			480	120		
		C			90	60		
LXS-40E	40	A	20	10	1000	400	0.001	99999
		B			800	200		
		C			150	100		
LXS-50E	50	A	30	15	1500	600	0.001	99999
		B			1200	300		
		C			225	150		

ACCESSORIES

Each water meter has one set couplings optional: 2pcs tube, 2pcs nut and 2pcs gasket.

DIMENSIONS AND WEIGHT

Type	Size	Length	Width	Height	Connecting Thread D	Weight (kg)
	mm					
LXS-15E	15	165/190	99	104	G 3/4B	1.4/1.6
LXS-20E	20	190/195	99	106	G 1B	1.7/1.8
LXS-25E	25	260/225	103	114	G1 1/4B	2.6/2.4
LXS-32E	32	260/230	104	117	G1 1/2B	2.8/2.7
LXS-40E	40	300/245	124	147	G 2B	5.1/4.5
LXS-50E	50	300/280	125	172	G2 1/2B	8.5/8.2
					Flange connect GB4216.4-84 D=165 D1= 125	11.5/11

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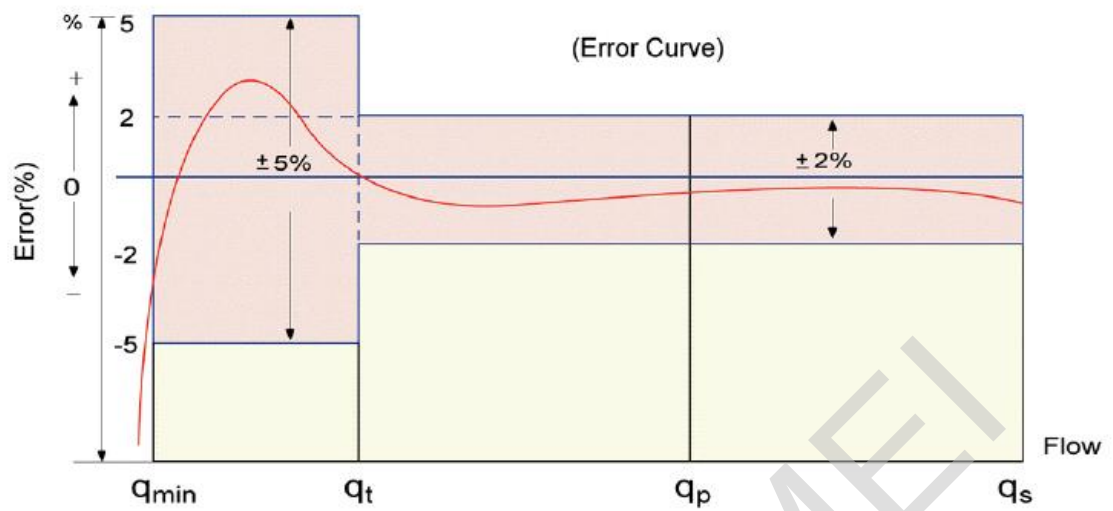
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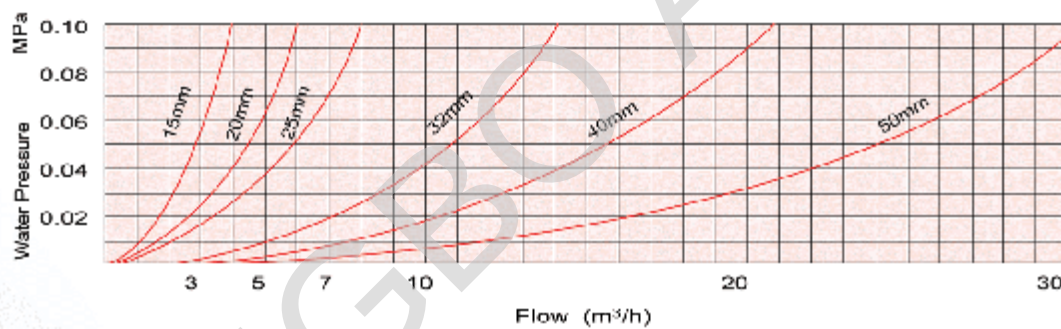
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FLOW ERROR CURVE



PRESSURE LOSS CURVE



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