

IRRIGATION METERS

LXXG (R)-50~300(mm)

Horizontal vane wheel, dry-dial cold water meter

This type of water meter can be used for a remote reading transmission system as equipped with a built-in sensor.



MAIN TECHNICAL SPECIFICATIONS

Type	Size (mm)	Class	Q _s	Q _p	Q _t	Q _{min}
			Overload Flow	Permanent Flow	Transitional Flow	Min. Flow
			m ³ /h			
LXXG-50E	50	A	30	15	4.5	1.2
LXXG-65E	65	A	50	25	7.5	2.0
LXXG-80E	80	A	80	40	12	3.2
LXXG-100E	100	A	120	60	18	4.8
LXXG-125E	125	A	200	100	30	8
LXXG-150E	150	A	300	150	45	12
LXXG-200E	200	A	500	250	75	20
LXXG-250E	250	A	800	400	120	32
LXXG-300E	300	A	1200	600	180	48

APPLICATION:

- Measuring the volume of cold water passing through the pipeline

FEATURES:

- Removable element structure, easy installation and maintenance
- Dry-dial, Magnetic drive
- Large flow capacity, small pressure loss
- Resist water hammer and pollution
- Vacuum sealed register ensures the dial keep free from condensation and keep the reading clear in a long term service
- Selected high quality materials for steady & reliable characteristic
- Technical data conform to international standard ISO 4064.

WORKING CONDITIONS:

- Water temperature: 0.1°C~40°C
- Water pressure: ≤1Mpa (1.6MPa on request)

MAXIMUM PERMISSIBLE ERRORS:

- in the lower zone from q_{min} inclusive up to but excluding q_t is ±5%
- in the upper zone from q_t inclusive up to and including q_s is ±2% (±3% for hot water meter)

GET IN TOUCH

021-001-4653
010-824-7069
031-001-6452

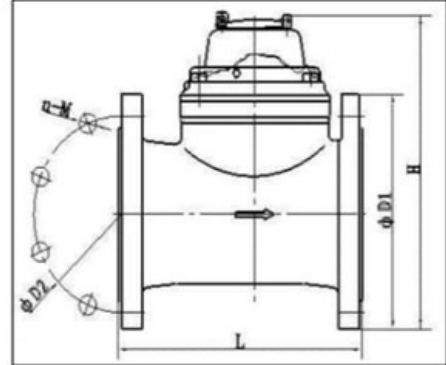
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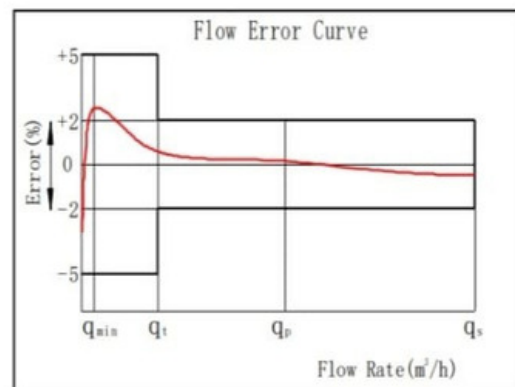
DIMENSIONS TABLE

TYPE	SIZE	LENGTH L	HEIGHT H	OUTER DIAMETER D1	BOLT CIRCLE DIAMETER D2	CONNECTING BOLT
LXXG-50	50	200	253	165	125	4-M16
LXXG-65	65	200	268	185	145	4-M16
LXXG-80	80	225	284	200	160	8-M16
LXXG-100	100	250	295	220	180	8-M16
LXXG-125	125	250	310	250	210	8-M16
LXXG-150	150	300	339	285	240	8-M20
LXXG-200	200	350	382	340	295	8-M20 (1.0MPa)
						12-M20 (1.6MPa)
LXXG-250	250	400	433	395	350	12-M20 (1.0MPa)
		450	438	405	355	12-M24 (1.6MPa)
LXXG-300	300	450	483	445	400	12-M20 (1.0MPa)
		500	488	460	410	12-M24 (1.6MPa)

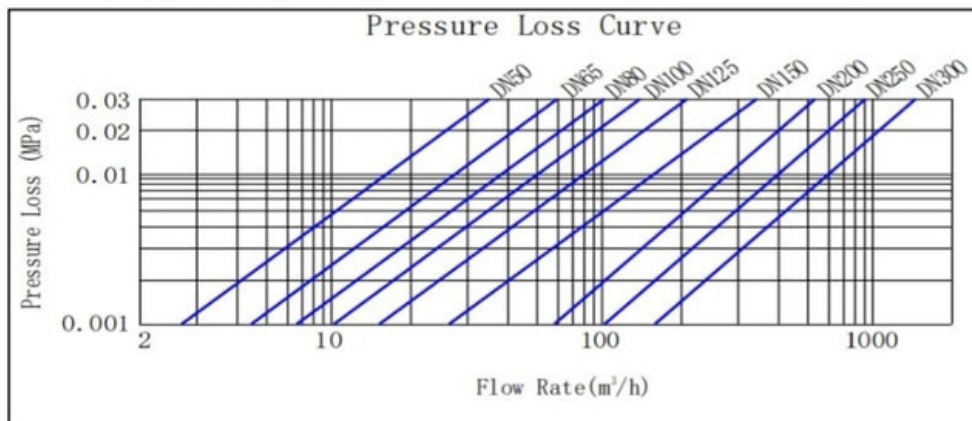
DIMENSIONS



FLOW ERROR CURVE



PRESSURE LOSS CURVE



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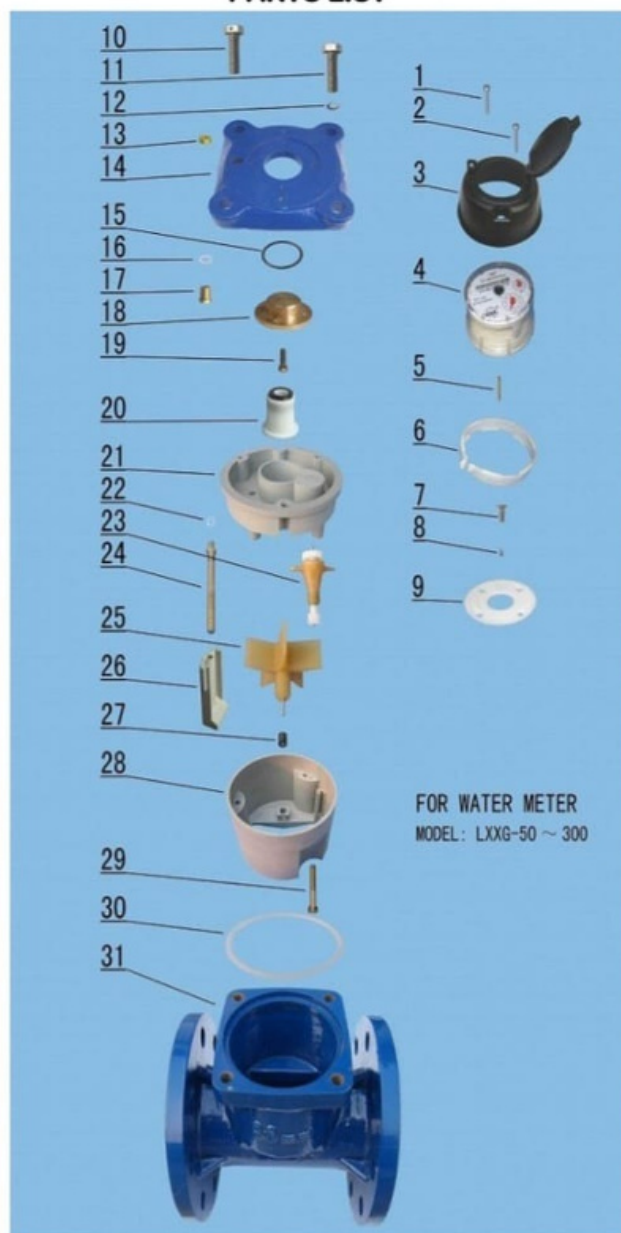
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PARTS DESCRIPTION

Code	Description	Material	QTY
1	Screw M5x45 Sealing	Stainless Steel	1
2	Screw M5x45	Stainless Steel	1
3	Cover with Lid	Assembly	1
4	Sealed Register	Assembly	1
5	Fixing Pin	Brass	1
6	Retainer Ring	ABS	1
7	Screw	Brass	4
8	Pin	Stainless Steel	1
9	Support	ABS	1
10	Bolt for Sealing	Stainless Steel	2
11	Bolt M12x35	Stainless Steel	2
12	Gasket	Stainless Steel	4
13	Adjusting Nut	Brass	1
14	Flange Plate	Cast Iron	1
15	O-Ring	Silicon Rubber	1
16	O-Ring	Silicone Rubber	1
17	Bush for Adjustment	Brass	1
18	Upper Bearing Plate	Brass	1
19	Screw	Brass	4
20	Lower Central Gear	Component	1
21	Cover Plate	MPPO	1
22	O-Ring for Adjustment	Rubber	2
23	Transmission Gear Component	Assembly	1
24	Adjusting Lever	Brass	1
25	Turbine	Component	1
26	Adjusting Plate	MPPO	1
27	Bush with Agate	Nylon with Graphite	1
28	Measuring Chamber	MPPO	1
29	Fixing Screw	Brass	3
30	O-Ring	Rubber	1
31	Body	Cast Iron	1

PARTS LIST



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