

# Removable element Woltman cold (hot) water meter

LXLC(R)-50~300mm

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

## Applications

Measuring the volume of cold (hot) water passing through the pipeline.

## Features

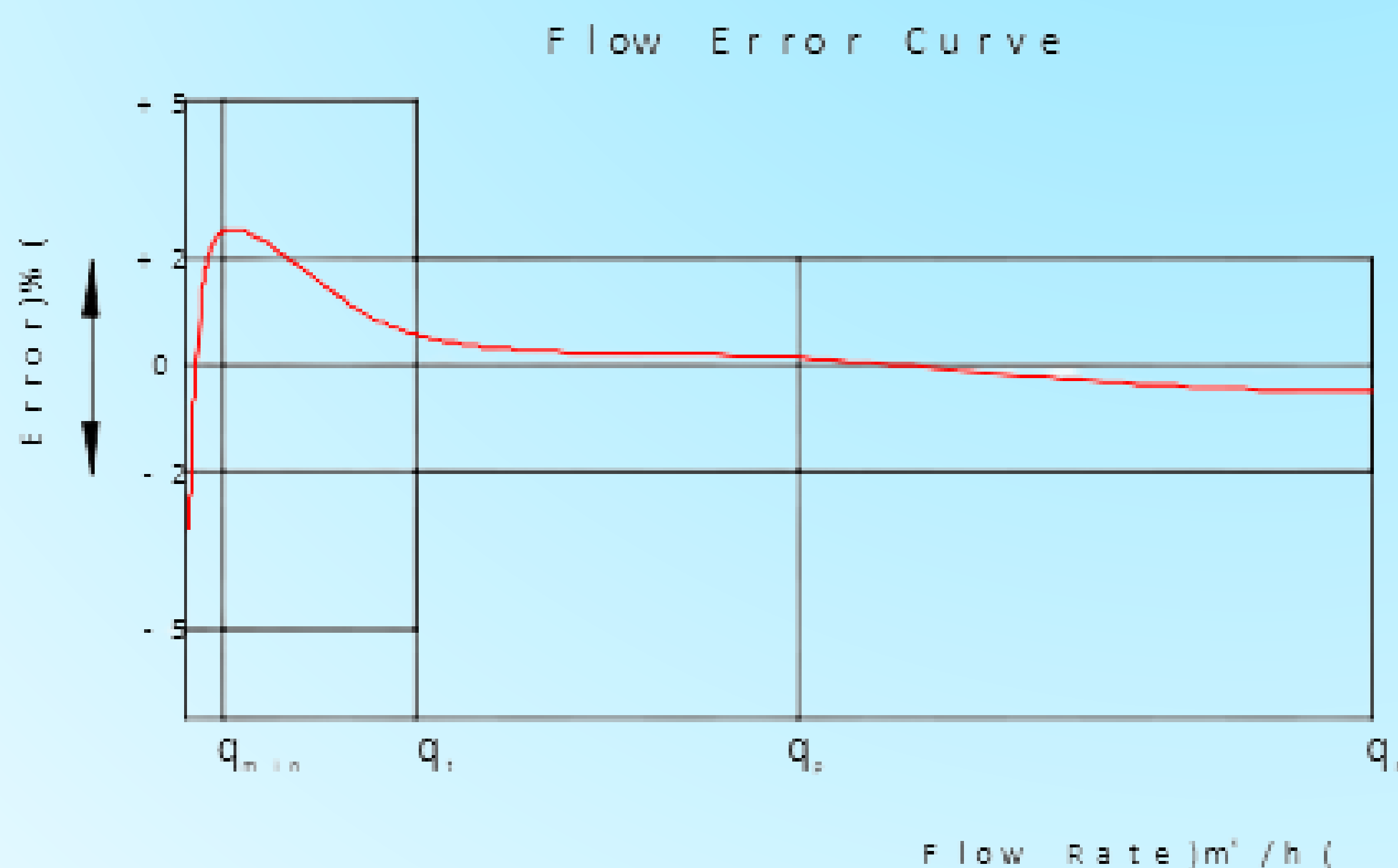
- ✓ Removable element structure, easy installation and maintenance, register for universal use within this range detachable without removing the meter from the pipeline.
- ✓ Dry-dial, Magnetic drive sensitive action, small pressure loss.
- ✓ Vacuum sealed register ensures the dial keeps free from fog and keeps the reading clear in 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~50°C for cold water meter.  
0.1°C~90°C for hot water meter.
- ✓ Water pressure: PN10/16/25.
- ✓ Pressure-loss class:  $\Delta p25$ .

## Working conditions

- ✓ From minimum flow-rate (Q1) inclusive to transitional flow-rate (Q2) exclusive:  $\pm 5\%$ .
- ✓ From transitional flow-rate (Q2) to overload flow-rate (Q4):  $\pm 2\%$  (Hot water meter  $\pm 3\%$ ).

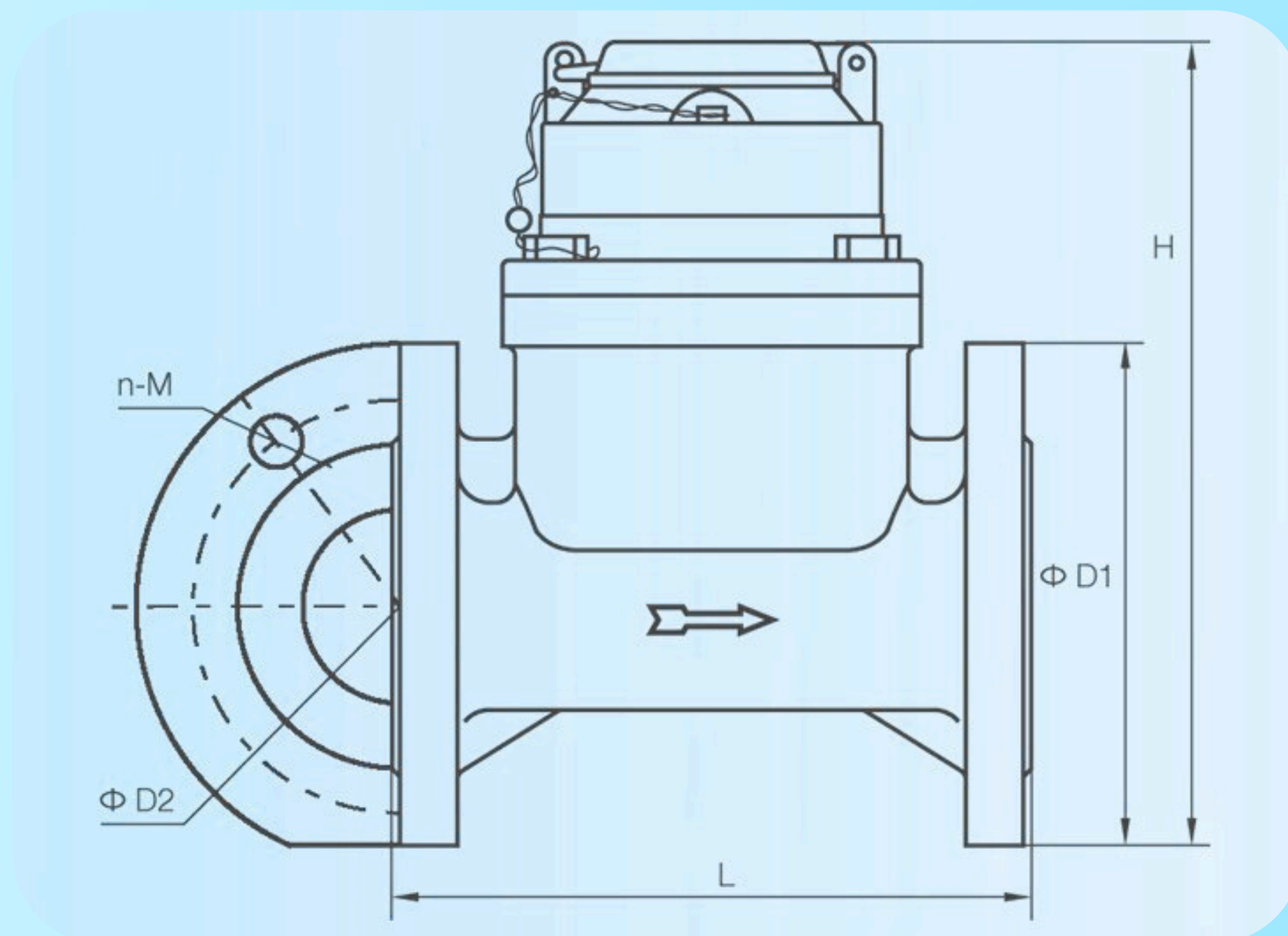


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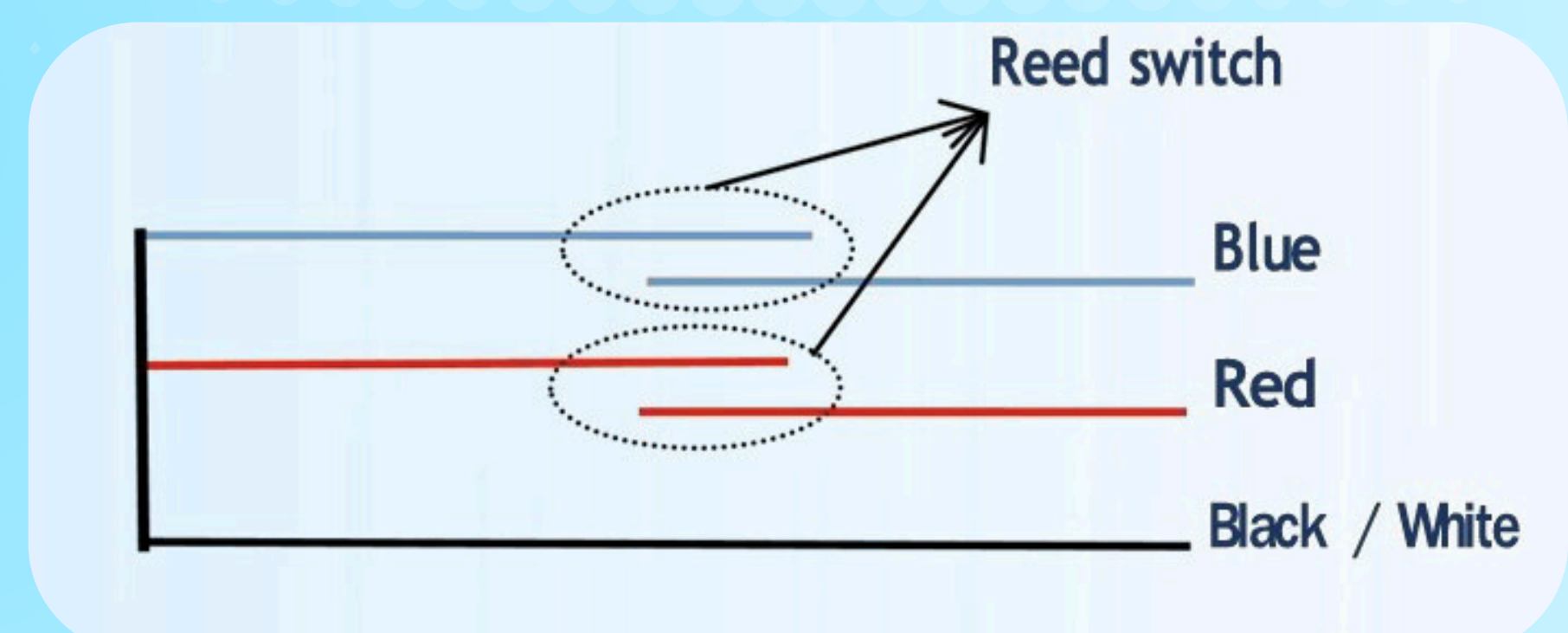
This type of water meter can be used for a remote reading transmission system as equipped with a built-in sensor.

## Optional feature

- ✓ Plastic register, copper register and full glass register.
- ✓ Reed switch option.
- ✓ Flange standard can be chosen.
- ✓ 360 degrees rotate can be choose.
- ✓ Cast iron, Ductile iron body.
- ✓ Color can be change on body and cover.



Size	Pulse Position
DN50-65	10/100/1000L/Pulse
DN80-200	100/1000L/Pulse
DN250-300	1000L/10000L/Pulse

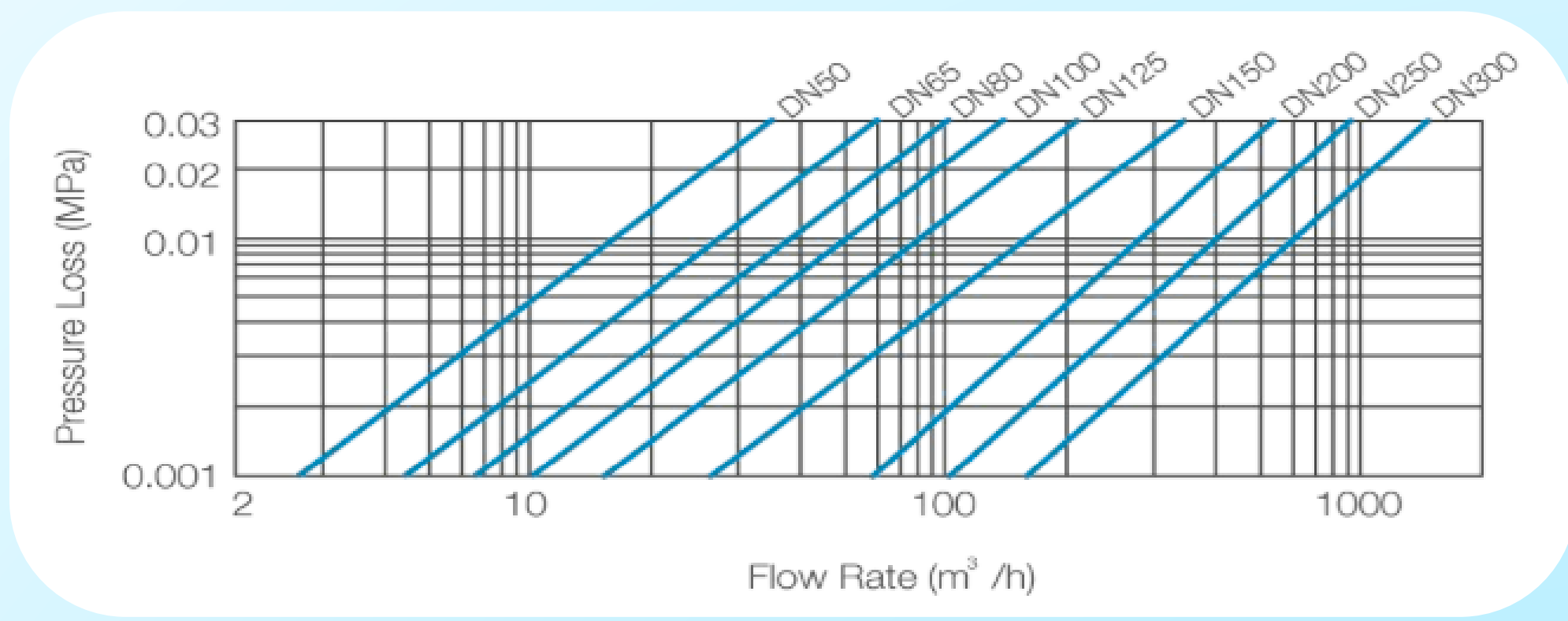


Type	Size	L Length	H Height	Connecting flange		
				φD1 Outside	φD2 Bolt circle	Connecting Bolts
LXLC-50	50	200	261	165	125	4-M16
LXLC-65	65	200	271	185	145	4-M16
LXLC-80	80	225	279	200	160	8-M16
LXLC-100	100	250	289	220	180	8-M16
LXLC-125	125	250	299	250	210	8-M16
LXLC-150	150	300	319	285	240	8-M20
LXLC-200	200	350	346	340	295	8-M20(1.0MPa)
						12-M20(1.6MPa)
LXLC-250	250	450	450	395(1.0MPa)	350(1.0MPa)	12-M20(1.0MPa)
						405(1.6MPa)
LXLC-300	300	500	478	445(1.0MPa)	400(1.0MPa)	12-M20(1.0MPa)
						460(1.6MPa)



NOTE: The flange dimension conforms to ISO7005-2:1988 standard. Order for products of special requirements is also accepted.

# LXLC(R)-50~300(mm)



## Dials

Common Plastic Register



Full Glass Register



Copper Register



## Installation

<b>Pipe</b>	Horizontal	—
<b>Meter head</b>	Upwards	↑



NOTE: The flange dimension conforms to ISO7005-2:1988 standard. Order for products of special requirements is also accepted.

# Flow Technical Specification

Size	Class	Q4 Overload Flow	Q3 Permanent Flow	R= Q3/Q1	Q2 Transitional Flow	Q1 Minimum Flow	Min. Reading	Max. Reading
DN		m3/h			m3/h		m3	
DN50	A	31.3	25	50	0.8	0.5	0.0002	999,999
	B	50	40	80	0.5	0.32		
DN65	A	50	40	50	1.28	0.8	0.0002	999,999
	B			80	0.8	0.5		
DN80	A	78.8	63	50	2	1.26	0.002	999,999
	B			80	1.3	0.79		
DN100	A	125	100	50	3.2	2	0.002	999,999
	B			80	2	1.25		
DN125	A	200	160	50	5.12	3.2	0.002	999,999
	B			80	3.2	2		
DN150	A	312.5	250	50	8	5	0.002	999,999
	B			80	5	3.1		
DN200	A	500	400	50	12.8	8	0.002	999,999
	B			80	8	5		
DN250	A	787.5	630	25	40.32	25.2	0.002	9,999,999
	B			50	20.16	12.6		
D300	A	1250	1000	25	64	40	0.02	9,999,999
	B			50	32	20		

All meters will be guaranteed against defects in workmanship and materials for a period of one (1) year from the date of acceptance. Defected meters or parts discovered within this period shall be replaced without charge upon return to us.



**Thank You**

 More Information  
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