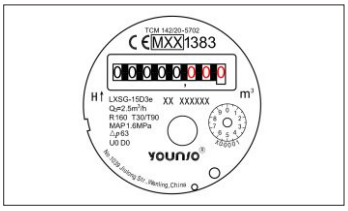
SINGLE JET DRY TYPE WATER METER

LXSG-xxD3e
(DN15~DN40)

Dial



Features

. Dry dial, Vacuum sealed to keep clean reading for long time
. Magnetic transmission
. Antimagnetic type
. 360° Rotating dial

Upon Request

. Remote transmission device can be added upon request
. Pulse output 10L/Pulse

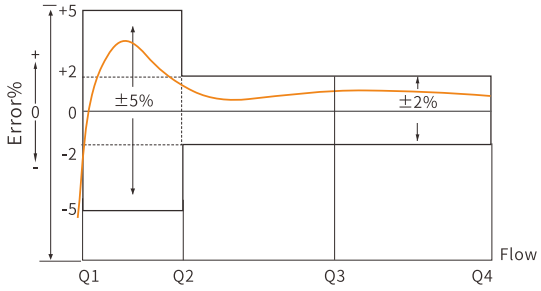
Working Condition

. Water temperature⩽30°C for cold water (⩽90°C for hot water)
. Water pressure⩽1.6MPa (16bar)

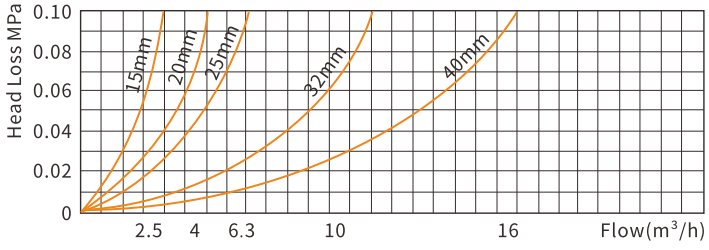
Maximum Permissible Error

. The MPE for the upper flow rate zone (Q2⩽Q⩽Q4) is ±2%, for temperatures from 0,1°C to 30°C, and ±3% for temperatures greater than 30°C
. The MPE for the lower flow rate zone (Q1⩽Q<Q2) is ±5% regardless of the temperatures range

Error Curve



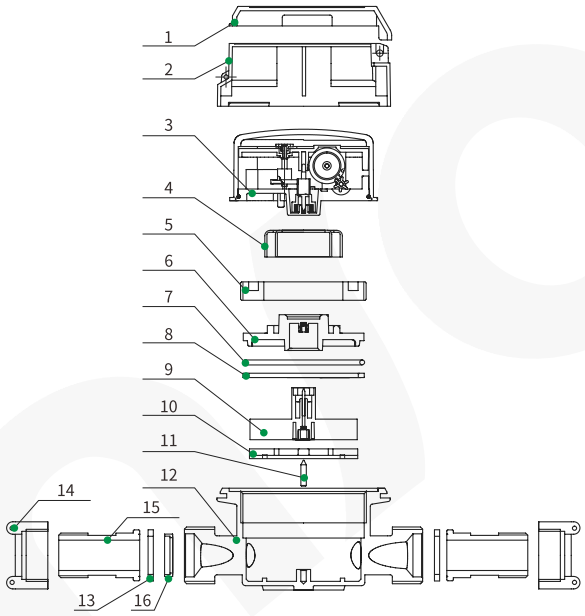
Head Loss Curve



Exploded View

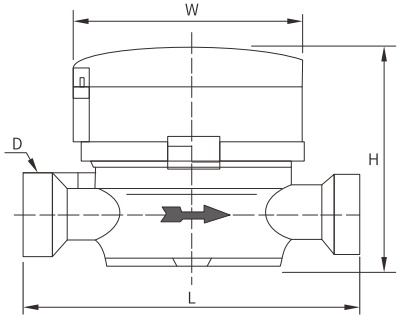
1	Lid
2	Cover
3	Register
4	Magnetic shield
5	Sealing ring
6	Sealing plate
7	O-ring
8	Gasket

9	Vane Wheel
10	Flux regulator
11	Pivot
12	Meter body
13	Filter
14	Nut
15	Liner
16	Strainer



Technical Features

(DN)[mm]		15	20	25	32	40
Size (inch)		1/2"	3/4"	1"	1-1/4"	1-1/2"
(Q4) [m^3/h]		3.125	5	7.875	12.5	20
(Q3) [m^3/h]		2.5	4	6.3	10	16
R80	(Q2) [l/h]	50	80	126	200	320
	(Q1) [l/h]	31.25	50	78.75	125	200
R100	(Q2) [l/h]	40	64	100.8	160	256
	(Q1) [l/h]	25	40	63	100	160
R125	(Q2) [l/h]	32	51.2	80.64	128	204.8
	(Q1) [l/h]	20	32	50.4	80	128
R160	(Q2) [l/h]	25	40	63	100	160
	(Q1) [l/h]	15.62	25	39.37	62.5	100
Indicating range[m^3]		99 999				
Resolution of the indicating device[m^3]		0.00005 or 0.00002				
Temperature class		T30 or T50 or T90				
Water pressure classes		MAP10 or MAP16				
Pressure-loss classes		△p63				



Dimension

(DN)[mm]	15	20	25	32	40
Size(inch)	1/2"	3/4"	1"	1-1/4"	1-1/2"
Length(L)[mm]	110/115	130	160	160	200
Width(W)[mm]	80	80	80	102	102
Height(H)[mm]	85	85	91.5	119	119
Connection Thread(D)	G¾"B	G1"B	G1¼"B	G1½"B	G2"B