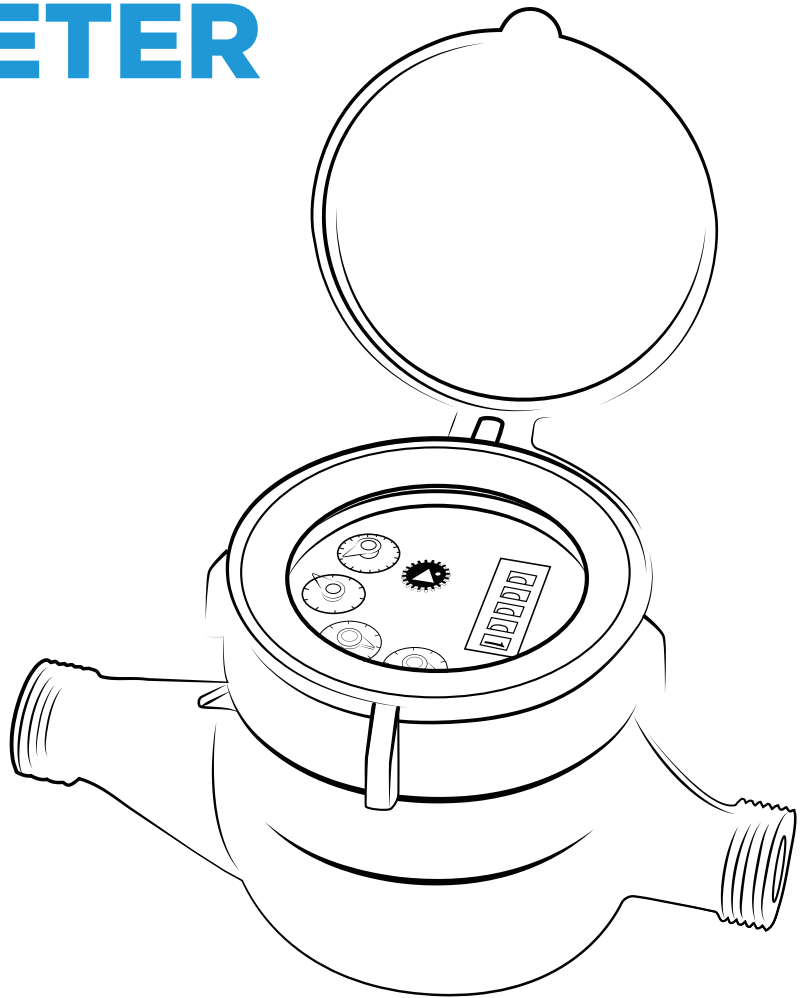




WATER METER

CATALOGUE

- Multi Jet
- Single Jet
- Volumetric
- Pulse Output
- Woltman



Model: LXSG-15E-50E

Multi Jet Water Meter

Feature:

- Multi jet, Dry-dial
- Material body: Gray cast iron / Ductile cast iron
- Size: DN15 to DN50mm, (1/2"-2")
- Available for cold water (50°C), hot water (90°C)
- Accuracy: Class B / Class C



Main Technical Data:

According to IS04064(GB/T778.1-1996) Standard

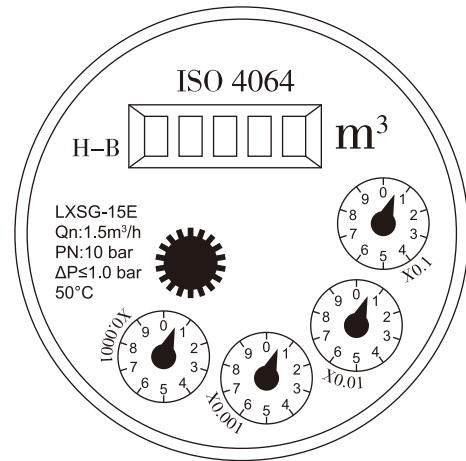
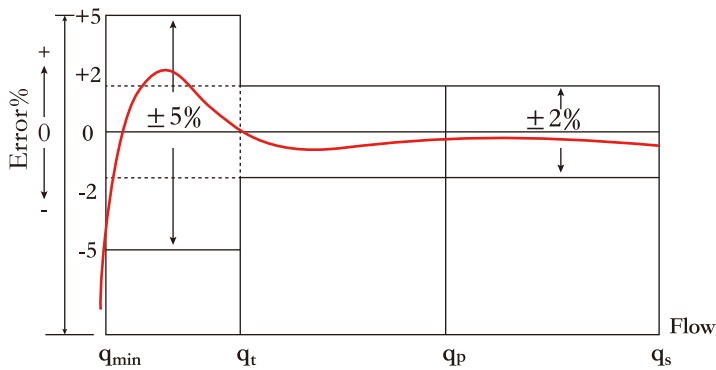
| Size | | Class | Qs | Qp | Qt | Qmin | Min Reading | Max Reading |
|--------|--------|-------------------|---------------|--------------|-------------------|----------|----------------|-------------|
| DN(mm) | Inch | | Overload Flow | Nominal Flow | Transitional Flow | Min Flow | | |
| | | m ³ /h | | | L/h | | m ³ | |
| 15 | 1/2" | A | 3 | 1.5 | 150 | 60 | 0.0001 | 99999 |
| | | B | | | 120 | 30 | | |
| | | C | | | 22.5 | 15 | | |
| 20 | 3/4" | A | 5 | 2.5 | 250 | 100 | 0.0001 | 99999 |
| | | B | | | 200 | 50 | | |
| | | C | | | 37.5 | 25 | | |
| 25 | 1" | A | 7 | 3.5 | 350 | 140 | 0.0001 | 99999 |
| | | B | | | 280 | 70 | | |
| 32 | 1 1/4" | A | 12 | 6 | 600 | 240 | 0.0001 | 99999 |
| | | B | | | 480 | 120 | | |
| 40 | 1 1/2" | A | 20 | 10 | 1000 | 400 | 0.001 | 99999 |
| | | B | | | 800 | 200 | | |
| 50 | 2" | A | 30 | 15 | 1500 | 600 | 0.001 | 99999 |
| | | B | | | 1200 | 300 | | |

INDICATING ERROR

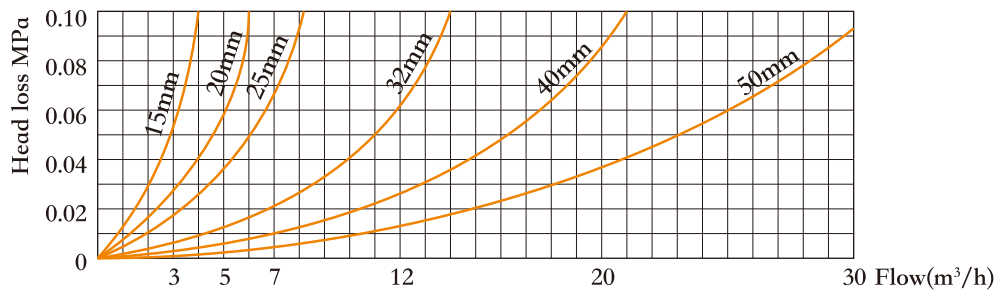
At low zone is $\pm 5\%$ from minimum flow rate (qmin) to transitional flow rate (qt) exclusive boundary

At high zone is $\pm 2\%$ from transitional flow rate (qt) to overload flow rate (qs)

Model: LXSG-15E-50E

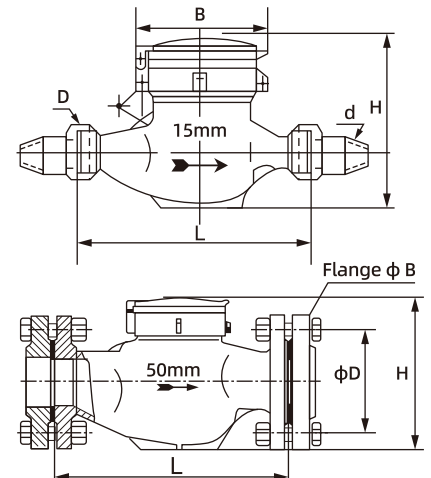


Head Loss Curve:



Dimensions and Weight:

| Meter Size Dia DN | L Length | B Width | H Height | Connecting Thread D | Weight Kg |
|-------------------------|-------------|------------|-------------|--|--------------|
| (mm) | (mm) | | | | |
| 15 | 165 | 99 | 104 | G 3/4B | 1.5 |
| 20 | 190 | 99 | 106 | G 1B | 1.7 |
| 25 | 225 | 104 | 120 | G1 1/4B | 2.4 |
| 32 | 230 | 104 | 120 | G1 1/2B | 2.7 |
| 40 | 245 | 125 | 155 | G 2B | 4.5 |
| 50 | 300 | 125 | 155 | G2 1/2B | 7.2 |
| | 280 | 165 | 175 | FLANGE CONNECTING CONFORM TO GB4216.4 D=165 D1=125 | 14 |



WORKING CONDITION:

Water temperature: $\leq 50^\circ C$ for cold water meter
 Water temperature: $\leq 90^\circ C$ for hot water meter
 Working pressure: ≤ 1.6 Mpa

Model: LXSG1-15E-25E

Multi Jet Water Meter

Feature:

- Multi jet, Dry-dial, Vertical type
- Material body: Gray cast iron / Ductile cast iron
- Size: DN15 to DN25mm, (1/2"-1")
- Available for cold water (50°C), hot water (90°C)
- Accuracy: Class B



Main Technical Data:

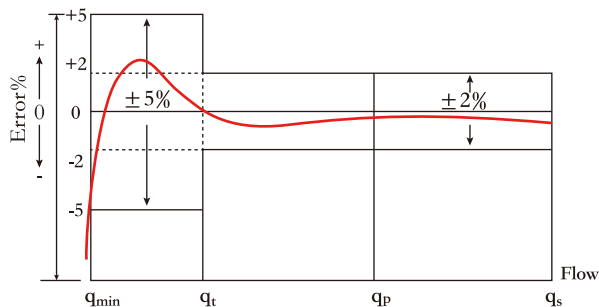
According to IS04064(GB/T778.1-1996) Standard

| Size | | Class | Qs | Qp | Qt | Qmin | Min Reading | Max Reading |
|--------|------|-------------------|---------------|--------------|-------------------|----------|----------------|-------------|
| DN(mm) | Inch | | Overload Flow | Nominal Flow | Transitional Flow | Min Flow | | |
| | | m ³ /h | | | L/h | | m ³ | |
| 15 | 1/2" | A | 3 | 1.5 | 150 | 60 | 0.0001 | 99999 |
| | | B | | | 120 | 30 | | |
| 20 | 3/4" | A | 5 | 2.5 | 250 | 100 | 0.0001 | 99999 |
| | | B | | | 200 | 50 | | |
| 25 | 1" | A | 7 | 3.5 | 350 | 140 | 0.0001 | 99999 |
| | | B | | | 280 | 70 | | |

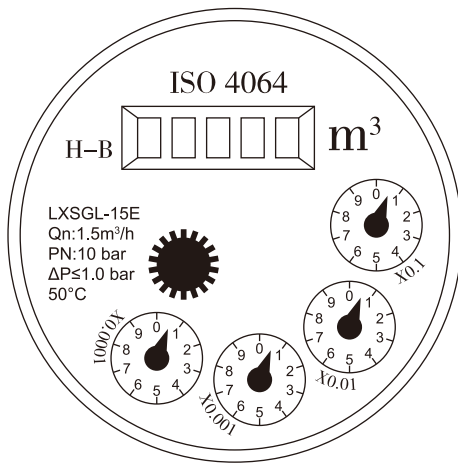
INDICATING ERROR

At low zone is $\pm 5\%$ from minimum flow rate (q_{min}) to transitional flow rate (q_t) exclusive boundary

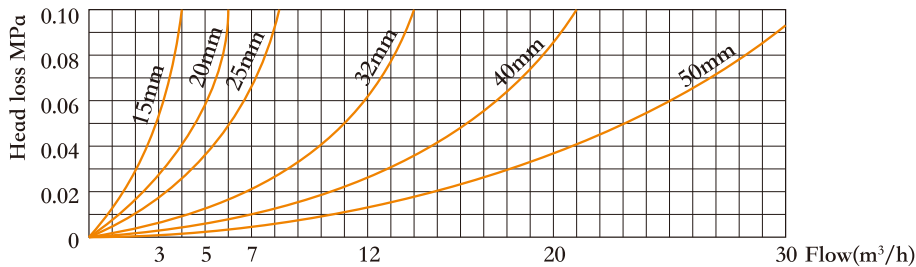
At high zone is $\pm 2\%$ from transitional flow rate (q_t) to overload flow rate (q_s)



Model: LXSG-15E-25E

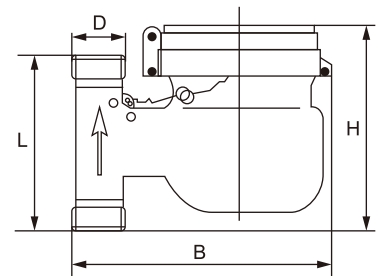


Head Loss Curve:



Dimensions and Weight:

| Meter Size Dia DN | L Length | B Width | H Height | Connecting Thread D | Weight Kg |
|-------------------------|-------------|------------|-------------|------------------------|--------------|
| (mm) | (mm) | | | | |
| 15 | 95 | 135 | 120 | G 3/4B | 1.5 |
| 20 | 99 | 150 | 130 | G 1B | 1.7 |
| 25 | 110 | 160 | 130 | G1 1/4B | 3.0 |



WORKING CONDITION:

Water temperature: ≤50°C for cold water meter
 Water temperature: ≤90°C for hot water meter
 Working pressure: ≤1.6Mpa

Model: LXSG-15E1-50E1

Multi Jet Water Meter

Feature:

- Multi jet, Dry-dial
- Material body: Brass
- Size: DN15 to DN50mm, (1/2"-2")
- Available for cold water (50°C), hot water (90°C)
- Accuracy: Class B / Class C / R160



Main Technical Data:

According to IS04064(GB/T778.1-1996) Standard

| Size | | Class | Qs | Qp | Qt | Qmin | Min Reading | Max Reading |
|--------|--------|-------------------|---------------|--------------|-------------------|----------|----------------|-------------|
| DN(mm) | Inch | | Overload Flow | Nominal Flow | Transitional Flow | Min Flow | | |
| | | m ³ /h | | | L/h | | m ³ | |
| 15 | 1/2" | A | 3 | 1.5 | 150 | 60 | 0.0001 | 99999 |
| | | B | | | 120 | 30 | | |
| | | C | | | 22.5 | 15 | | |
| 20 | 3/4" | A | 5 | 2.5 | 250 | 100 | 0.0001 | 99999 |
| | | B | | | 200 | 50 | | |
| | | C | | | 37.5 | 25 | | |
| 25 | 1" | A | 7 | 3.5 | 350 | 140 | 0.0001 | 99999 |
| | | B | | | 280 | 70 | | |
| 32 | 1 1/4" | A | 12 | 6 | 600 | 240 | 0.0001 | 99999 |
| | | B | | | 480 | 120 | | |
| 40 | 1 1/2" | A | 20 | 10 | 1000 | 400 | 0.001 | 99999 |
| | | B | | | 800 | 200 | | |
| 50 | 2" | A | 30 | 15 | 1500 | 600 | 0.001 | 99999 |
| | | B | | | 1200 | 300 | | |

INDICATING ERROR

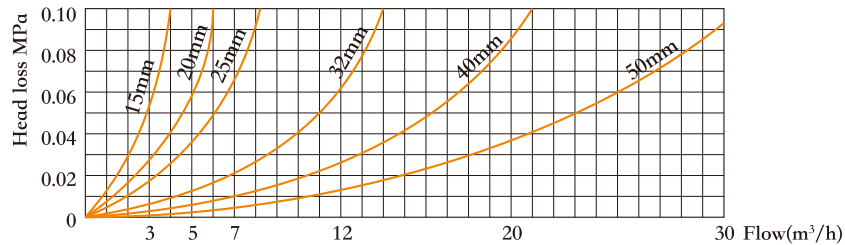
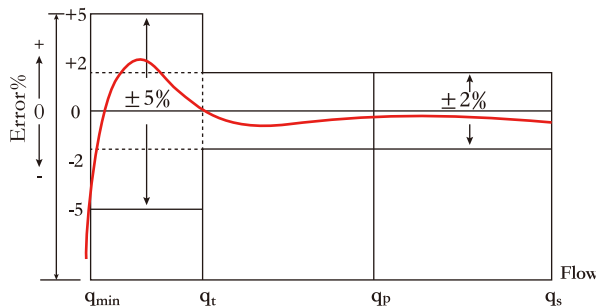
At low zone is $\pm 5\%$ from minimum flow rate (qmin) to transitional flow rate (qt) exclusive boundary

At high zone is $\pm 2\%$ from transitional flow rate (qt) to overload flow rate (qs)

Model: LXSG-15E1-50E1

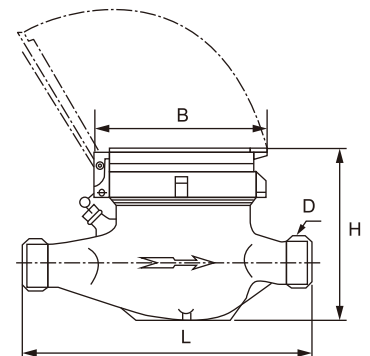
According to IS04064(GB/T778.1-2007) Standard

| DN Size | Mm Inch | 15 1/2" | 20 3/4" | 25 1" | 32 1 1/4" | 40 1 1/2" | 50 2" |
|------------------------|---------|------------|------------|----------|--------------|--------------|----------|
| Q4(m³/h) | | 3.125 | 5 | 7.875 | 12.5 | 20 | 31.25 |
| Q3(m³/h) | | 2.5 | 4 | 6.3 | 10 | 16 | 25 |
| R80 | Q2(L/h) | 50 | 80 | 126 | 200 | 320 | 500 |
| | Q1(L/h) | 31.25 | 50 | 78.75 | 125 | 200 | 312.5 |
| R100 | Q2(L/h) | 40 | 64 | 100.8 | 160 | 256 | 400 |
| | Q1(L/h) | 25 | 40 | 63 | 100 | 160 | 250 |
| R125 | Q2(L/h) | 32 | 51.2 | 80.64 | 128 | 204.8 | 320 |
| | Q1(L/h) | 20 | 32 | 50.4 | 80 | 128 | 200 |
| R160 | Q2(L/h) | 25 | 40 | 63 | 100 | 160 | 250 |
| | Q1(L/h) | 15.625 | 25 | 39.375 | 62.5 | 100 | 156.25 |
| Min reading(m³) | | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.001 | 0.001 |
| Max reading(m³) | | 99999 | 99999 | 99999 | 99999 | 99999 | 99999 |
| Max pressure(MAP) | | 16 | 16 | 16 | 16 | 16 | 16 |
| Max loss(ΔP) | | 63 | 63 | 63 | 63 | 63 | 63 |
| Max temperature | | T50 | T50 | T50 | T50 | T50 | T50 |



Dimensions and Weight:

| Meter Size Dia DN | L Length | B Width | H Height | Connecting Thread D | Weight Kg |
|-------------------------|-------------|------------|-------------|------------------------|--------------|
| (mm) | (mm) | | | | |
| 15 | 165 | 99 | 108 | G 3/4B | 1.4 |
| 20 | 190 | 99 | 108 | G 1B | 1.7 |
| 25 | 225 | 104 | 114 | G1 1/4B | 2.4 |
| 32 | 230 | 104 | 117 | G1 1/2B | 2.7 |
| 40 | 245 | 128 | 158 | G 2B | 4.5 |
| 50 | 280 | 128 | 183 | G2 1/2B | 7.2 |



WORKING CONDITION:

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

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

Working pressure: $\leq 1.6\text{Mpa}$

Model: LXSGY-15E1-50E1

Multi Jet Water Meter

Feature:

- Pre-equipped for Pulse emitter
- Multi jet, Dry-dial
- Material body: Brass
- Size: DN15 to DN50mm, (1/2"-2")
- Available for cold water (50°C), hot water (90°C)
- Accuracy: Class B / Class C / R160



Main Technical Data:

According to IS04064(GB/T778.1-1996) Standard

| Size | | Class | Qs | Qp | Qt | Qmin | Min Reading | Max Reading |
|--------|--------|-------|---------------|--------------|-------------------|----------|-------------|-------------|
| DN(mm) | Inch | | Overload Flow | Nominal Flow | Transitional Flow | Min Flow | | |
| | | m³/h | | | L/h | | m³ | |
| 15 | 1/2" | A | 3 | 1.5 | 150 | 60 | 0.0001 | 99999 |
| | | B | | | 120 | 30 | | |
| | | C | | | 22.5 | 15 | | |
| 20 | 3/4" | A | 5 | 2.5 | 250 | 100 | 0.0001 | 99999 |
| | | B | | | 200 | 50 | | |
| | | C | | | 37.5 | 25 | | |
| 25 | 1" | A | 7 | 3.5 | 350 | 140 | 0.0001 | 99999 |
| | | B | | | 280 | 70 | | |
| 32 | 1 1/4" | A | 12 | 6 | 600 | 240 | 0.0001 | 99999 |
| | | B | | | 480 | 120 | | |
| 40 | 1 1/2" | A | 20 | 10 | 1000 | 400 | 0.001 | 99999 |
| | | B | | | 800 | 200 | | |
| 50 | 2" | A | 30 | 15 | 1500 | 600 | 0.001 | 99999 |
| | | B | | | 1200 | 300 | | |

INDICATING ERROR

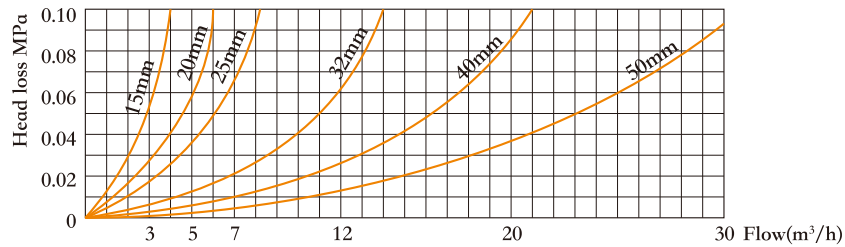
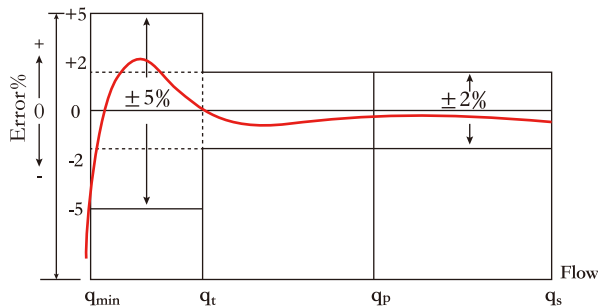
At low zone is $\pm 5\%$ from minimum flow rate (qmin) to transitional flow rate (qt) exclusive boundary

At high zone is $\pm 2\%$ from transitional flow rate (qt) to overload flow rate (qs)

Model: LXSGY-15E1-50E1

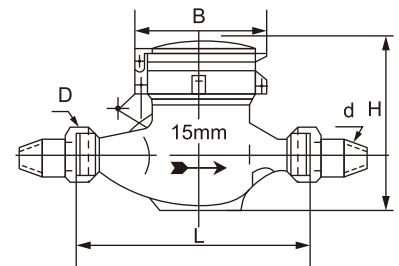
According to IS04064(GB/T778.1-2007) Standard

| DN Size | Mm Inch | 15 1/2" | 20 3/4" | 25 1" | 32 1 1/4" | 40 1 1/2" | 50 2" |
|------------------------------|---------|------------|------------|----------|--------------|--------------|----------|
| Q4(m ³ /h) | | 3.125 | 5 | 7.875 | 12.5 | 20 | 31.25 |
| Q3(m ³ /h) | | 2.5 | 4 | 6.3 | 10 | 16 | 25 |
| R80 | Q2(L/h) | 50 | 80 | 126 | 200 | 320 | 500 |
| | Q1(L/h) | 31.25 | 50 | 78.75 | 125 | 200 | 312.5 |
| R100 | Q2(L/h) | 40 | 64 | 100.8 | 160 | 256 | 400 |
| | Q1(L/h) | 25 | 40 | 63 | 100 | 160 | 250 |
| R125 | Q2(L/h) | 32 | 51.2 | 80.64 | 128 | 204.8 | 320 |
| | Q1(L/h) | 20 | 32 | 50.4 | 80 | 128 | 200 |
| R160 | Q2(L/h) | 25 | 40 | 63 | 100 | 160 | 250 |
| | Q1(L/h) | 15.625 | 25 | 39.375 | 62.5 | 100 | 156.25 |
| Min reading(m ³) | | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.001 | 0.001 |
| Max reading(m ³) | | 99999 | 99999 | 99999 | 99999 | 99999 | 99999 |
| Max pressure(MAP) | | 16 | 16 | 16 | 16 | 16 | 16 |
| Max loss(Δ P) | | 63 | 63 | 63 | 63 | 63 | 63 |
| Max temperature | | T50 | T50 | T50 | T50 | T50 | T50 |



Dimensions and Weight:

| Meter Size Dia DN | L Length | B Width | H Height | Connecting Thread D | Weight Kg |
|-------------------------|-------------|------------|-------------|------------------------|--------------|
| (mm) | (mm) | | | | |
| 15 | 165 | 99 | 108 | G 3/4B | 1.4 |
| 20 | 190 | 99 | 108 | G 1B | 1.7 |
| 25 | 225 | 104 | 114 | G1 1/4B | 2.4 |
| 32 | 230 | 104 | 117 | G1 1/2B | 2.7 |
| 40 | 245 | 128 | 158 | G 2B | 4.5 |
| 50 | 280 | 128 | 183 | G2 1/2B | 7.2 |



WORKING CONDITION:

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

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

Working pressure: $\leq 1.6\text{Mpa}$

Model: LXSG-15S2-50S2

Multi Jet Water Meter

Feature:

- Multi jet, Dry-dial
- Material body: Nylon plastic
- Size: DN15 to DN50mm, (½"-2")
- Available for cold water (50°C)
- Accuracy: Class B / Class C / R160



Main Technical Data:

According to IS04064(GB/T778.1-1996) Standard

| Size | | Class | Qs | Qp | Qt | Qmin | Min Reading | Max Reading |
|--------|--------|-------|---------------|--------------|-------------------|----------|-------------|-------------|
| DN(mm) | Inch | | Overload Flow | Nominal Flow | Transitional Flow | Min Flow | | |
| | | m³/h | | | L/h | | m³ | |
| 15 | 1/2" | A | 3 | 1.5 | 150 | 60 | 0.0001 | 99999 |
| | | B | | | 120 | 30 | | |
| | | C | | | 22.5 | 15 | | |
| 20 | 3/4" | A | 5 | 2.5 | 250 | 100 | 0.0001 | 99999 |
| | | B | | | 200 | 50 | | |
| | | C | | | 37.5 | 25 | | |
| 25 | 1" | A | 7 | 3.5 | 350 | 140 | 0.0001 | 99999 |
| | | B | | | 280 | 70 | | |
| 32 | 1 1/4" | A | 12 | 6 | 600 | 240 | 0.0001 | 99999 |
| | | B | | | 480 | 120 | | |
| 40 | 1 1/2" | A | 20 | 10 | 1000 | 400 | 0.001 | 99999 |
| | | B | | | 800 | 200 | | |
| 50 | 2" | A | 30 | 15 | 1500 | 600 | 0.001 | 99999 |
| | | B | | | 1200 | 300 | | |

INDICATING ERROR

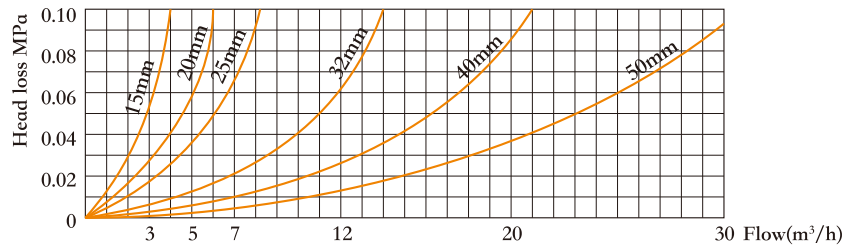
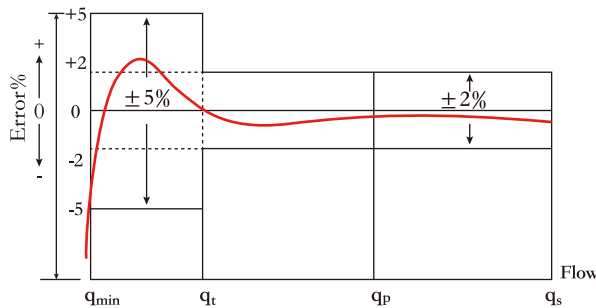
At low zone is $\pm 5\%$ from minimum flow rate (qmin) to transitional flow rate (qt) exclusive boundary

At high zone is $\pm 2\%$ from transitional flow rate (qt) to overload flow rate (qs)

Model: LXSG-15S2-50S2

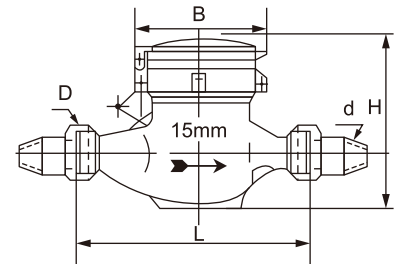
According to IS04064(GB/T778.1-2007) Standard

| DN Size | Mm Inch | 15 1/2" | 20 3/4" | 25 1" | 32 1 1/4" | 40 1 1/2" | 50 2" |
|------------------------------|---------|------------|------------|----------|--------------|--------------|----------|
| Q4(m ³ /h) | | 3.125 | 5 | 7.875 | 12.5 | 20 | 31.25 |
| Q3(m ³ /h) | | 2.5 | 4 | 6.3 | 10 | 16 | 25 |
| R80 | Q2(L/h) | 50 | 80 | 126 | 200 | 320 | 500 |
| | Q1(L/h) | 31.25 | 50 | 78.75 | 125 | 200 | 312.5 |
| R100 | Q2(L/h) | 40 | 64 | 100.8 | 160 | 256 | 400 |
| | Q1(L/h) | 25 | 40 | 63 | 100 | 160 | 250 |
| R125 | Q2(L/h) | 32 | 51.2 | 80.64 | 128 | 204.8 | 320 |
| | Q1(L/h) | 20 | 32 | 50.4 | 80 | 128 | 200 |
| R160 | Q2(L/h) | 25 | 40 | 63 | 100 | 160 | 250 |
| | Q1(L/h) | 15.625 | 25 | 39.375 | 62.5 | 100 | 156.25 |
| Min reading(m ³) | | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.001 | 0.001 |
| Max reading(m ³) | | 99999 | 99999 | 99999 | 99999 | 99999 | 99999 |
| Max pressure(MAP) | | 16 | 16 | 16 | 16 | 16 | 16 |
| Max loss(ΔP) | | 63 | 63 | 63 | 63 | 63 | 63 |
| Max temperature | | T50 | T50 | T50 | T50 | T50 | T50 |



Dimensions and Weight:

| Meter Size Dia DN | L Length | B Width | H Height | Connecting Thread D | Weight Kg |
|-------------------------|-------------|------------|-------------|------------------------|--------------|
| (mm) | (mm) | | | | |
| 15 | 165 | 99 | 104 | G 3/4B | 0.53 |
| 20 | 190 | 99 | 125 | G 1B | 0.6 |
| 25 | 260 | 106 | 132 | G1 1/4B | 0.78 |
| 32 | 230 | 104 | 120 | G1 1/2B | 0.82 |
| 40 | 245 | 128 | 150 | G 2B | 1.2 |
| 50 | 300 | 130 | 150 | G2 1/2B | 1.46 |



WORKING CONDITION:

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

Working pressure: $\leq 1.6\text{Mpa}$

Model: LXSGY-15S2-50S2

Multi Jet Water Meter

Feature:

- Pre-equipped for Pulse emitter
- Multi jet, Dry-dial
- Material body: Nylon plastic
- Size: DN15 to DN50mm, (1/2"-2")
- Available for cold water (50°C)
- Accuracy: Class B / Class C / R160



Main Technical Data:

According to IS04064(GB/T778.1-1996) Standard

| Size | | Class | Qs | Qp | Qt | Qmin | Min Reading | Max Reading |
|--------|--------|-------------------|---------------|--------------|-------------------|----------|----------------|-------------|
| DN(mm) | Inch | | Overload Flow | Nominal Flow | Transitional Flow | Min Flow | | |
| | | m ³ /h | | | L/h | | m ³ | |
| 15 | 1/2" | A | 3 | 1.5 | 150 | 60 | 0.0001 | 99999 |
| | | B | | | 120 | 30 | | |
| | | C | | | 22.5 | 15 | | |
| 20 | 3/4" | A | 5 | 2.5 | 250 | 100 | 0.0001 | 99999 |
| | | B | | | 200 | 50 | | |
| | | C | | | 37.5 | 25 | | |
| 25 | 1" | A | 7 | 3.5 | 350 | 140 | 0.0001 | 99999 |
| | | B | | | 280 | 70 | | |
| 32 | 1 1/4" | A | 12 | 6 | 600 | 240 | 0.0001 | 99999 |
| | | B | | | 480 | 120 | | |
| 40 | 1 1/2" | A | 20 | 10 | 1000 | 400 | 0.001 | 99999 |
| | | B | | | 800 | 200 | | |
| 50 | 2" | A | 30 | 15 | 1500 | 600 | 0.001 | 99999 |
| | | B | | | 1200 | 300 | | |

INDICATING ERROR

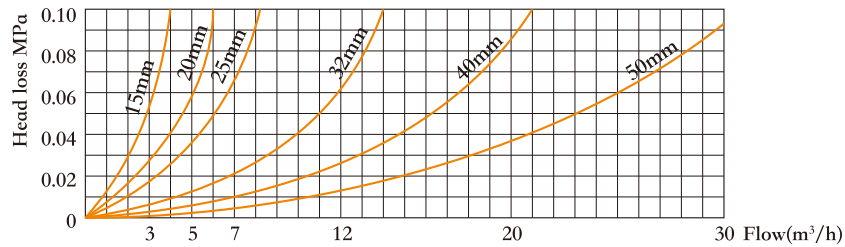
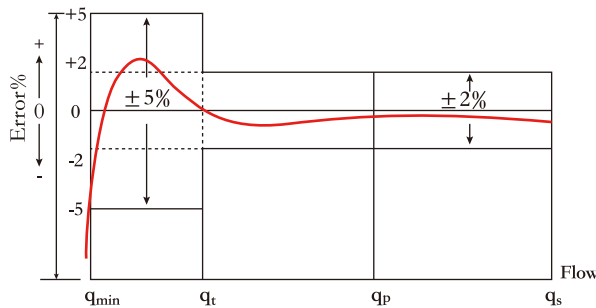
At low zone is $\pm 5\%$ from minimum flow rate (qmin) to transitional flow rate (qt) exclusive boundary

At high zone is $\pm 2\%$ from transitional flow rate (qt) to overload flow rate (qs)

Model: LXSGY-15S2-50S2

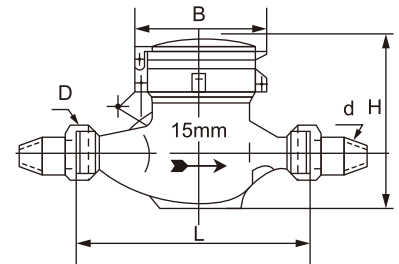
According to IS04064(GB/T778.1-2007) Standard

| DN Size | Mm Inch | 15 1/2" | 20 3/4" | 25 1" | 32 1 1/4" | 40 1 1/2" | 50 2" |
|------------------------------|---------|------------|------------|----------|--------------|--------------|----------|
| Q4(m ³ /h) | | 3.125 | 5 | 7.875 | 12.5 | 20 | 31.25 |
| Q3(m ³ /h) | | 2.5 | 4 | 6.3 | 10 | 16 | 25 |
| R80 | Q2(L/h) | 50 | 80 | 126 | 200 | 320 | 500 |
| | Q1(L/h) | 31.25 | 50 | 78.75 | 125 | 200 | 312.5 |
| R100 | Q2(L/h) | 40 | 64 | 100.8 | 160 | 256 | 400 |
| | Q1(L/h) | 25 | 40 | 63 | 100 | 160 | 250 |
| R125 | Q2(L/h) | 32 | 51.2 | 80.64 | 128 | 204.8 | 320 |
| | Q1(L/h) | 20 | 32 | 50.4 | 80 | 128 | 200 |
| R160 | Q2(L/h) | 25 | 40 | 63 | 100 | 160 | 250 |
| | Q1(L/h) | 15.625 | 25 | 39.375 | 62.5 | 100 | 156.25 |
| Min reading(m ³) | | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.001 | 0.001 |
| Max reading(m ³) | | 99999 | 99999 | 99999 | 99999 | 99999 | 99999 |
| Max pressure(MAP) | | 16 | 16 | 16 | 16 | 16 | 16 |
| Max loss(ΔP) | | 63 | 63 | 63 | 63 | 63 | 63 |
| Max temperature | | T50 | T50 | T50 | T50 | T50 | T50 |



Dimensions and Weight:

| Meter Size Dia DN | L Length | B Width | H Height | Connecting Thread D | Weight Kg |
|-------------------------|-------------|------------|-------------|------------------------|--------------|
| (mm) | (mm) | | | | |
| 15 | 165 | 99 | 104 | G 3/4B | 0.53 |
| 20 | 190 | 99 | 125 | G 1B | 0.6 |
| 25 | 260 | 106 | 132 | G1 1/4B | 0.78 |
| 32 | 230 | 104 | 120 | G1 1/2B | 0.82 |
| 40 | 245 | 128 | 150 | G 2B | 1.2 |
| 50 | 300 | 130 | 150 | G2 1/2B | 1.46 |



WORKING CONDITION:

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

Working pressure: $\leq 1.6\text{Mpa}$

Model: LXSG-15E3-20E3

Multi Jet Water Meter

Feature:

- Multi jet, Dry-dial
- Material body: Brass
- Size: DN15 to DN20mm, (1/2"-3/4")
- Available for cold water (50°C), hot water (90°C)
- Accuracy: Class B / R80 / R100



Main Technical Data:

According to IS04064(GB/T778.1-1996) Standard

| Size | | Class | Qs | Qp | Qt | Qmin | Min Reading | Max Reading |
|--------|------|-------------------|---------------|--------------|-------------------|----------------|-------------|-------------|
| DN(mm) | Inch | | Overload Flow | Nominal Flow | Transitional Flow | Min Flow | | |
| | | m ³ /h | | L/h | | m ³ | | |
| 15 | 1/2" | A | 3 | 1.5 | 150 | 60 | 0.0001 | 9999 |
| | | B | | | 120 | 30 | | |
| 20 | 3/4" | A | 5 | 2.5 | 250 | 100 | 0.0001 | 9999 |
| | | B | | | 200 | 50 | | |

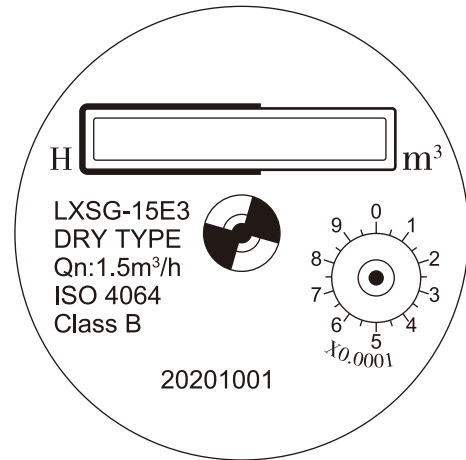
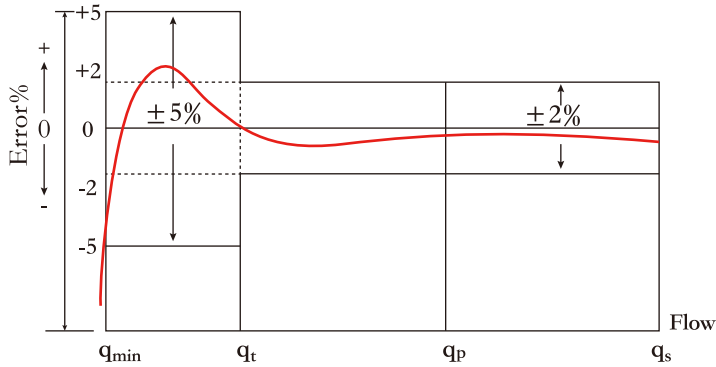
According to IS04064(GB/T778.1-2007) Standard

| DN Size | Mm Inch | 15 1/2" | 20 3/4" |
|------------------------------|---------|------------|------------|
| Q4(m ³ /h) | | 3.125 | 5 |
| Q3(m ³ /h) | | 2.5 | 4 |
| R80 | Q2(L/h) | 50 | 80 |
| | Q1(L/h) | 31.25 | 50 |
| R100 | Q2(L/h) | 40 | 64 |
| | Q1(L/h) | 25 | 40 |
| Min reading(m ³) | | 0.0001 | 0.0001 |
| Max reading(m ³) | | 9999 | 9999 |
| Max pressure(MAP) | | 16 | 16 |
| Max loss(Δ P) | | 63 | 63 |
| Max temperature | | T50 | T50 |

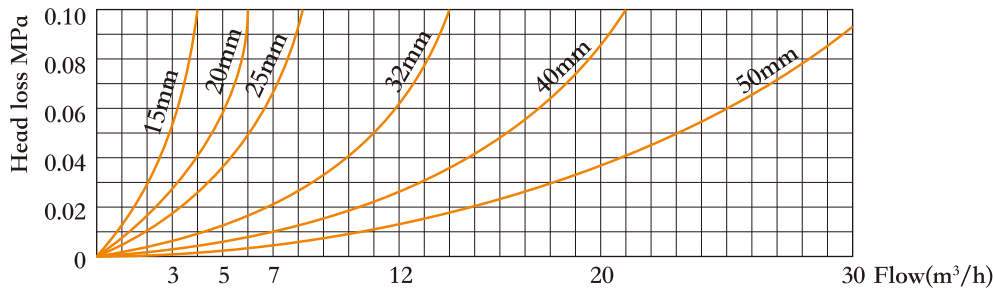
Model: LXSG-15E3-50E3

INDICATING ERROR

At low zone is $\pm 5\%$ from minimum flow rate (q_{min}) to transitional flow rate (q_t) exclusive boundary
 At high zone is $\pm 2\%$ from transitional flow rate (q_t) to overload flow rate (q_s)

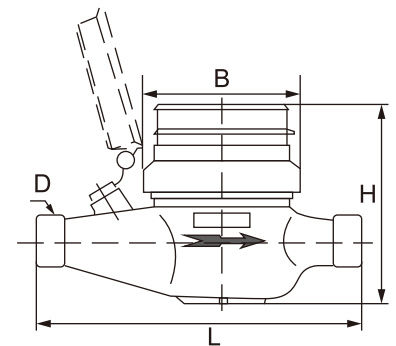


Head Loss Curve:



Dimensions and Weight:

| Meter Size Dia DN | L Length | B Width | H Height | Connecting Thread D | Weight Kg |
|-------------------------|-------------|------------|-------------|------------------------|--------------|
| (mm) | (mm) | | | | |
| 15 | 165 | 80 | 102 | G 3/4B | 1.1 |
| 20 | 190 | 80 | 105 | G 1B | 1.4 |



WORKING CONDITION:

Water temperature: $\leq 50^{\circ}\text{C}$ for cold water meter
 Water temperature: $\leq 90^{\circ}\text{C}$ for hot water meter
 Working pressure: $\leq 1.6\text{Mpa}$

Model: LXDG-13B-25B

Single Jet Water Meter

Feature:

- Single jet, Dry-dial
- Material body: Brass
- Size: DN15 to DN25mm, (1/2"-1")
- Available for cold water (50°C), hot water (90°C)
- Accuracy: Class C / R160

Main Technical Data:

According to IS04064(GB/T778.1-1996) Standard

| Size | | Class | Qs | Qp | Qt | Qmin | Min | Max |
|--------|------|-------------------|---------------|--------------|-------------------|----------|----------------|---------|
| DN(mm) | Inch | | Overload Flow | Nominal Flow | Transitional Flow | Min Flow | Reading | Reading |
| | | m ³ /h | | | L/h | | m ³ | |
| 15 | 1/2" | C | 3 | 1.5 | 22.5 | 15 | 0.0001 | 99999 |
| 20 | 3/4" | C | 5 | 2.5 | 37.5 | 25 | 0.0001 | 99999 |
| 25 | 1" | C | 7 | 3.5 | 52.5 | 35 | 0.0001 | 99999 |

According to IS04064(GB/T778.1-2007) Standard

| DN Size | Mm Inch | 15 1/2" | 20 3/4" | 25 1" |
|------------------------------|---------|------------|------------|----------|
| Q4(m ³ /h) | | 3.125 | 5 | 7.875 |
| Q3(m ³ /h) | | 2.5 | 4 | 6.3 |
| R160 | Q2(L/h) | 25 | 40 | 63 |
| | Q1(L/h) | 15.625 | 25 | 39.375 |
| Min reading(m ³) | | 0.0001 | 0.0001 | 0.0001 |
| Max reading(m ³) | | 99999 | 99999 | 9999 |
| Max pressure(MAP) | | 16 | 16 | 16 |
| Max loss(Δ P) | | 63 | 63 | 63 |
| Max temperature | | T50 | T50 | T50 |

INDICATING ERROR

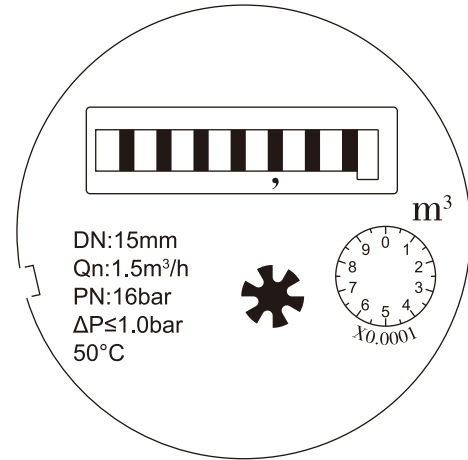
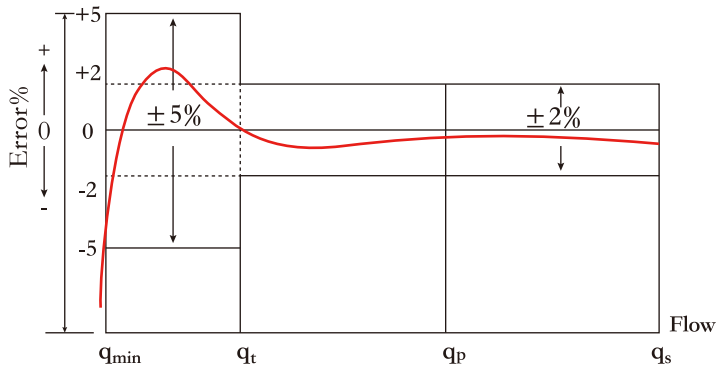
At low zone is ±5% from minimum flow rate (qmin) to transitional flow rate (qt) exclusive boundary

At high zone is ±2% from transitional flow rate (qt) to overload flow rate (qs)

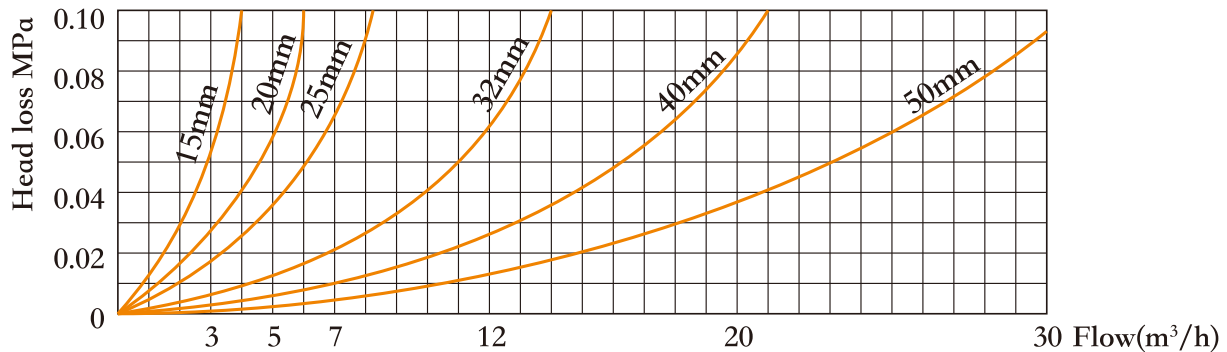


Model: LXDG-13B-25B

Error Curve:

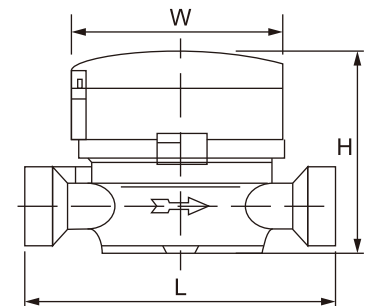


Head Loss Curve:



Dimensions and Weight:

| Meter Size Dia DN | L Length | W Width | H Height | Connecting Thread D | Weight Kg |
|-------------------------|-------------|------------|-------------|------------------------|--------------|
| (mm) | (mm) | | | | |
| 15 | 110 | 77 | 80 | G 3/4B | 0.57 |
| 20 | 130 | 77 | 80 | G 1B | 0.67 |
| 25 | 160 | 77 | 85 | G1 1/4B | 0.91 |



WORKING CONDITION:

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

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

Working pressure: ≤ 1.6 Mpa

Model: LXDG-13C-20C

Single Jet Water Meter

Feature:

- Single jet, Dry-dial
- Material body: Nylon plastic
- Size: DN15 to DN20mm, (1/2"-3/4")
- Available for cold water (50°C)
- Accuracy: Class C / R160



Main Technical Data:

According to IS04064(GB/T778.1-1996) Standard

| Size | | Class | Qs | Qp | Qt | Qmin | Min | Max |
|--------|------|-------|---------------|--------------|-------------------|----------|---------|---------|
| DN(mm) | Inch | | Overload Flow | Nominal Flow | Transitional Flow | Min Flow | Reading | Reading |
| | | | m³/h | | L/h | | m³ | |
| 15 | 1/2" | C | 3 | 1.5 | 22.5 | 15 | 0.0001 | 99999 |
| 20 | 3/4" | C | 5 | 2.5 | 37.5 | 25 | 0.0001 | 99999 |

According to IS04064(GB/T778.1-2007) Standard

| DN Size | Mm Inch | 15 1/2" | 20 3/4" |
|-------------------|---------|---------|---------|
| Q4(m³/h) | | 3.125 | 5 |
| Q3(m³/h) | | 2.5 | 4 |
| R160 | Q2(L/h) | 25 | 40 |
| | Q1(L/h) | 15.625 | 25 |
| Min reading(m³) | | 0.0001 | 0.0001 |
| Max reading(m³) | | 99999 | 99999 |
| Max pressure(MAP) | | 16 | 16 |
| Max loss(Δ P) | | 63 | 63 |
| Max temperature | | T50 | T50 |

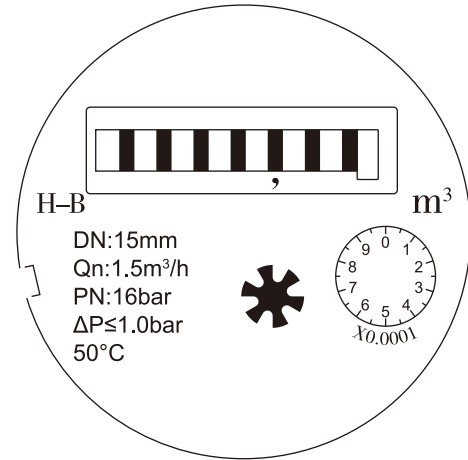
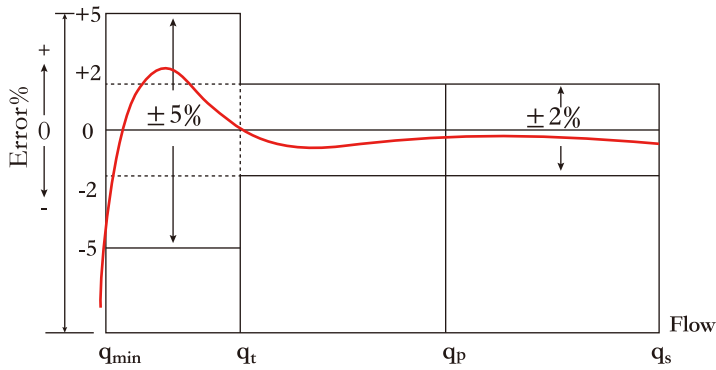
INDICATING ERROR

At low zone is ±5% from minimum flow rate (qmin) to transitional flow rate (qt) exclusive boundary

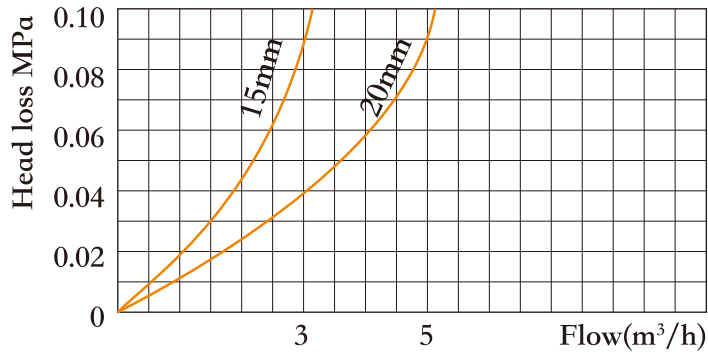
At high zone is ±2% from transitional flow rate (qt) to overload flow rate (qs)

Model: LXDG-13C-20C

Error Curve:

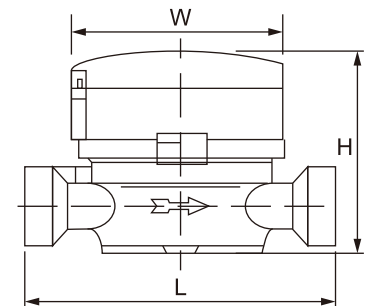


Head Loss Curve:



Dimensions and Weight:

| Meter Size Dia DN | L Length | W Width | H Height | Connecting Thread D | Weight Kg |
|-------------------------|-------------|------------|-------------|------------------------|--------------|
| (mm) | (mm) | | | | |
| 15 | 110 | 77 | 80 | G 3/4B | 0.35 |
| 20 | 130 | 77 | 80 | G 1B | 0.45 |



WORKING CONDITION:

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

Working pressure: ≤ 1.6 Mpa

Model: LXH-15A1-20A1

Volumetric Water Meter

Feature:

- Volumetric piston type
- Material body: Brass
- Size: DN15 to DN20mm, (1/2"-3/4")
- Available for cold water (50°C)
- Accuracy: Class C / R160 / R200



Main Technical Data:

According to IS04064(GB/T778.1-1996) Standard

| Size | | Class | Qs | Qp | Qt | Qmin | Min | Max |
|--------|------|-------------------|---------------|--------------|-------------------|----------------|---------|---------|
| DN(mm) | Inch | | Overload Flow | Nominal Flow | Transitional Flow | Min Flow | Reading | Reading |
| | | m ³ /h | | L/h | | m ³ | | |
| 15 | 1/2" | C | 3 | 1.5 | 22.5 | 15 | 0.0001 | 9999 |
| 20 | 3/4" | C | 5 | 2.5 | 37.5 | 25 | 0.0001 | 9999 |

According to IS04064(GB/T778.1-2007) Standard

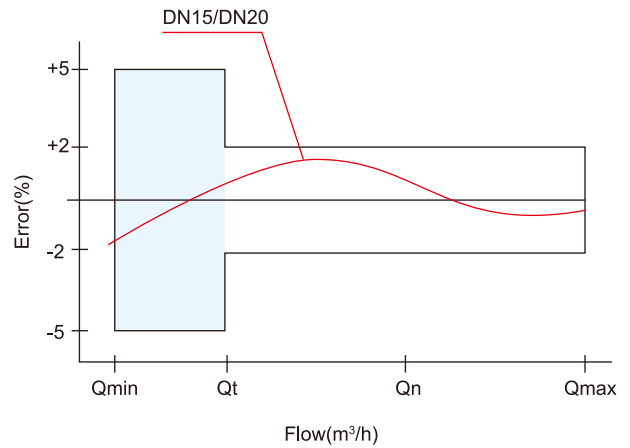
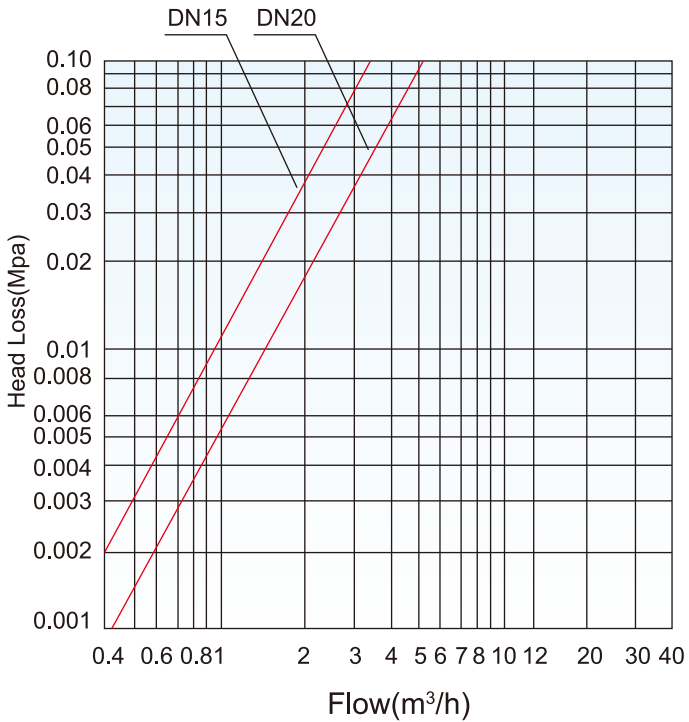
| DN Size | Mm Inch | 15 1/2" | 20 3/4" |
|------------------------------|---------|------------|------------|
| Q4(m ³ /h) | | 3.125 | 5 |
| Q3(m ³ /h) | | 2.5 | 4 |
| R160 | Q2(L/h) | 25 | 40 |
| | Q1(L/h) | 15.625 | 25 |
| R200 | Q2(L/h) | 20 | 32 |
| | Q1(L/h) | 12.5 | 20 |
| Min reading(m ³) | | 0.0001 | 0.0001 |
| Max reading(m ³) | | 9999 | 9999 |
| Max pressure(MAP) | | 16 | 16 |
| Max loss(Δ P) | | 63 | 63 |
| Max temperature | | T50 | T50 |

Model: LXH-15A1-20A1

INDICATING ERROR

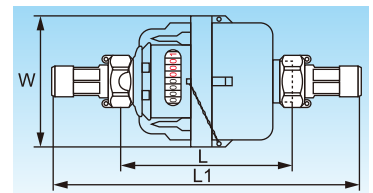
At low zone is $\pm 5\%$ from minimum flow rate (q_{min}) to transitional flow rate (q_t) exclusive boundary
 At high zone is $\pm 2\%$ from transitional flow rate (q_t) to overload flow rate (q_s)

Head Loss and Error Curve:



Dimensions and Weight:

| Meter Size Dia DN | L Length | L1 Width | W Height | Connecting Thread D | Weight Kg |
|-------------------------|-------------|-------------|-------------|------------------------|--------------|
| (mm) | (mm) | | | | |
| 15 | 115 | 191 | 86 | G 3/4B | 1.00 |
| 20 | 130 | 228 | 86 | G 1B | 1.20 |



WORKING CONDITION:

Water temperature: $\leq 50^{\circ}\text{C}$ for cold water meter
 Working pressure: $\leq 1.6\text{Mpa}$

Model: LXH-15A2-20A2

Volumetric Water Meter

Feature:

- Pre-equipped for Pulse emitter
- Volumetric piston type
- Material body: Brass
- Size: DN15 to DN20mm, (1/2"-3/4")
- Available for cold water (50°C)
- Accuracy: Class C / R160 / R200



Pre-equipped For
Pulse-emitter



Main Technical Data:

According to IS04064(GB/T778.1-1996) Standard

| Size | | Class | Qs | Qp | Qt | Qmin | Min | Max |
|--------|------|-------|-------------------|--------------|-------------------|----------|----------------|---------|
| DN(mm) | Inch | | Overload Flow | Nominal Flow | Transitional Flow | Min Flow | Reading | Reading |
| | | | m ³ /h | | L/h | | m ³ | |
| 15 | 1/2" | C | 3 | 1.5 | 22.5 | 15 | 0.0001 | 9999 |
| 20 | 3/4" | C | 5 | 2.5 | 37.5 | 25 | 0.0001 | 9999 |

According to IS04064(GB/T778.1-2007) Standard

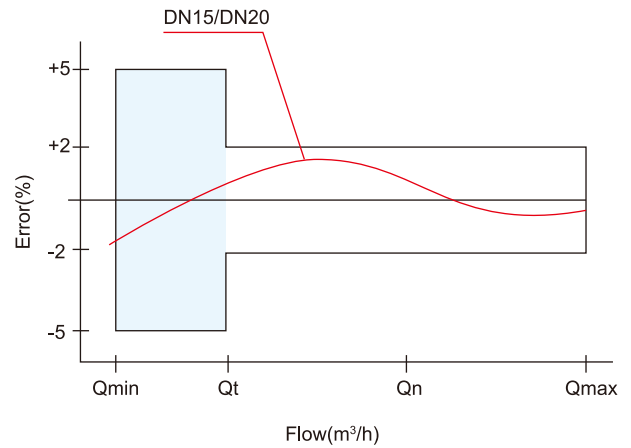
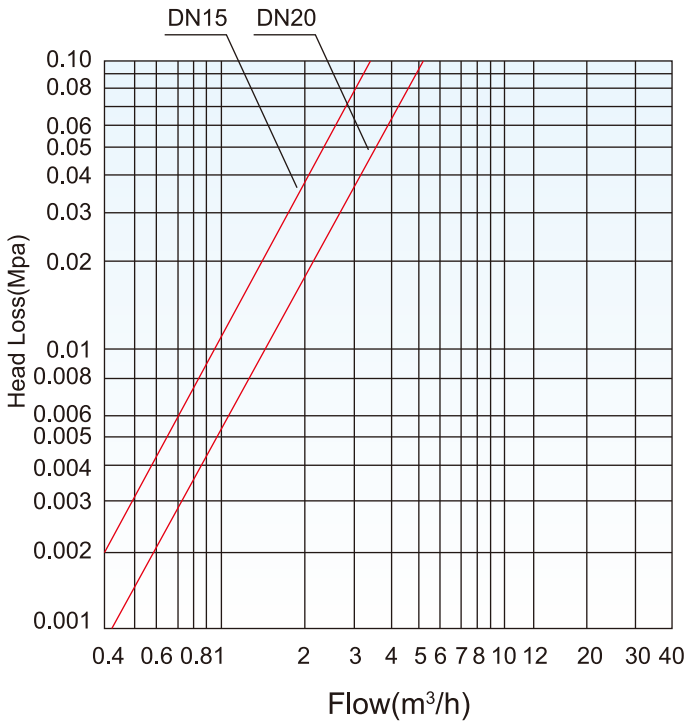
| DN Size | Mm Inch | 15 1/2" | 20 3/4" |
|------------------------------|---------|------------|------------|
| Q4(m ³ /h) | | 3.125 | 5 |
| Q3(m ³ /h) | | 2.5 | 4 |
| R160 | Q2(L/h) | 25 | 40 |
| | Q1(L/h) | 15.625 | 25 |
| R200 | Q2(L/h) | 20 | 32 |
| | Q1(L/h) | 12.5 | 20 |
| Min reading(m ³) | | 0.0001 | 0.0001 |
| Max reading(m ³) | | 9999 | 9999 |
| Max pressure(MAP) | | 16 | 16 |
| Max loss(Δ P) | | 63 | 63 |
| Max temperature | | T50 | T50 |

Model: LXH-15A2-20A2

INDICATING ERROR

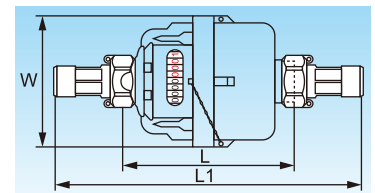
At low zone is $\pm 5\%$ from minimum flow rate (q_{min}) to transitional flow rate (q_t) exclusive boundary
 At high zone is $\pm 2\%$ from transitional flow rate (q_t) to overload flow rate (q_s)

Head Loss and Error Curve:



Dimensions and Weight:

| Meter Size Dia DN | L Length | L1 Width | W Height | Connecting Thread D | Weight Kg |
|-------------------------|-------------|-------------|-------------|------------------------|--------------|
| (mm) | (mm) | | | | |
| 15 | 115 | 191 | 86 | G 3/4B | 1.00 |
| 20 | 130 | 228 | 86 | G 1B | 1.20 |



WORKING CONDITION:

Water temperature: $\leq 50^{\circ}\text{C}$ for cold water meter
 Working pressure: $\leq 1.6\text{Mpa}$

Model: LXH-15A-20A

Volumetric Water Meter

Feature:

- Pre-equipped for Pulse emitter
- Volumetric piston type
- Material body: Nylon plastic
- Size: DN15 to DN20mm, (1/2"-3/4")
- Available for cold water (50°C)
- Accuracy: Class C / R160 / R200



Main Technical Data:

According to IS04064(GB/T778.1-1996) Standard

| Size | | Class | Qs | Qp | Qt | Qmin | Min | Max |
|--------|------|-------|-------------------|--------------|-------------------|----------|----------------|---------|
| DN(mm) | Inch | | Overload Flow | Nominal Flow | Transitional Flow | Min Flow | Reading | Reading |
| | | | m ³ /h | | L/h | | m ³ | |
| 15 | 1/2" | C | 3 | 1.5 | 22.5 | 15 | 0.0001 | 9999 |
| 20 | 3/4" | C | 5 | 2.5 | 37.5 | 25 | 0.0001 | 9999 |

According to IS04064(GB/T778.1-2007) Standard

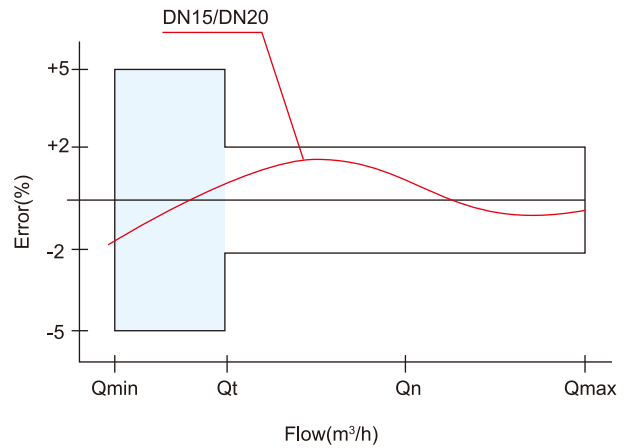
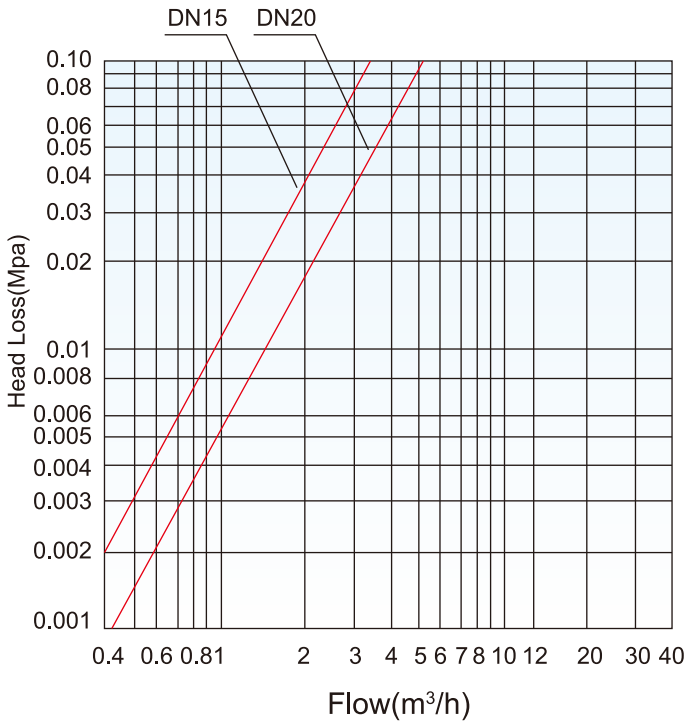
| DN Size | Mm Inch | 15 1/2" | 20 3/4" |
|------------------------------|---------|------------|------------|
| Q4(m ³ /h) | | 3.125 | 5 |
| Q3(m ³ /h) | | 2.5 | 4 |
| R160 | Q2(L/h) | 25 | 40 |
| | Q1(L/h) | 15.625 | 25 |
| R200 | Q2(L/h) | 20 | 32 |
| | Q1(L/h) | 12.5 | 20 |
| Min reading(m ³) | | 0.0001 | 0.0001 |
| Max reading(m ³) | | 9999 | 9999 |
| Max pressure(MAP) | | 16 | 16 |
| Max loss(Δ P) | | 63 | 63 |
| Max temperature | | T50 | T50 |

Model: LXH-15A-20A

INDICATING ERROR

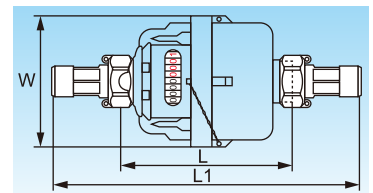
At low zone is $\pm 5\%$ from minimum flow rate (q_{min}) to transitional flow rate (q_t) exclusive boundary
 At high zone is $\pm 2\%$ from transitional flow rate (q_t) to overload flow rate (q_s)

Head Loss and Error Curve:



Dimensions and Weight:

| Meter Size Dia DN | L Length | L1 Width | W Height | Connecting Thread D | Weight Kg |
|-------------------------|-------------|-------------|-------------|------------------------|--------------|
| (mm) | (mm) | | | | |
| 15 | 110 | 191 | 86 | G 3/4B | 0.46 |
| 20 | 130 | 228 | 86 | G 1B | 0.70 |



WORKING CONDITION:

Water temperature: $\leq 50^\circ\text{C}$ for cold water meter
 Working pressure: $\leq 1.6\text{Mpa}$

Model: LXH-15A4-20A4

Volumetric Water Meter

Feature:

- Volumetric piston type
- Material body: Brass
- Size: DN15 to DN20mm, (1/2"-3/4")
- Available for cold water (50°C)
- Accuracy: Class C / R160 / R200



Main Technical Data:

According to IS04064(GB/T778.1-1996) Standard

| Size | | Class | Qs | Qp | Qt | Qmin | Min Reading | Max Reading |
|--------|------|-------|-------------------|--------------|-------------------|----------|----------------|-------------|
| DN(mm) | Inch | | Overload Flow | Nominal Flow | Transitional Flow | Min Flow | | |
| | | | m ³ /h | | L/h | | m ³ | |
| 15 | 1/2" | C | 3 | 1.5 | 22.5 | 15 | 0.0001 | 99999 |
| 20 | 3/4" | C | 5 | 2.5 | 37.5 | 25 | 0.0001 | 99999 |

According to IS04064(GB/T778.1-2007) Standard

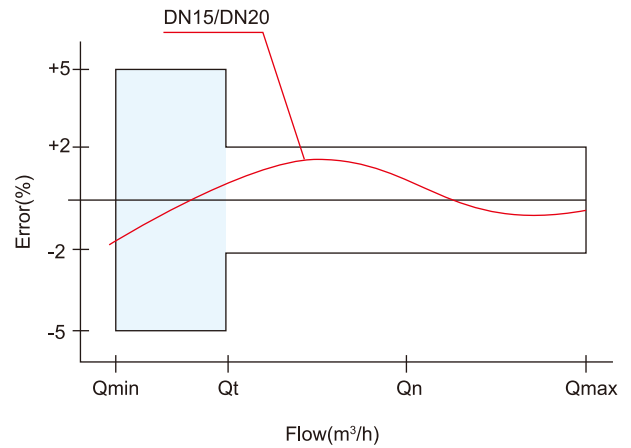
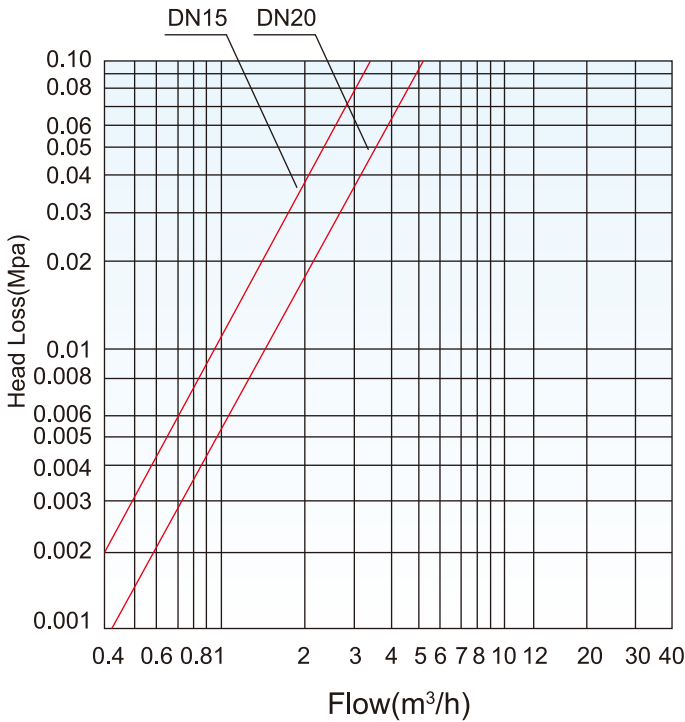
| DN Size | Mm Inch | 15 1/2" | 20 3/4" |
|------------------------------|---------|------------|------------|
| Q4(m ³ /h) | | 3.125 | 5 |
| Q3(m ³ /h) | | 2.5 | 4 |
| R160 | Q2(L/h) | 25 | 40 |
| | Q1(L/h) | 15.625 | 25 |
| R200 | Q2(L/h) | 20 | 32 |
| | Q1(L/h) | 12.5 | 20 |
| Min reading(m ³) | | 0.0001 | 0.0001 |
| Max reading(m ³) | | 99999 | 99999 |
| Max pressure(MAP) | | 16 | 16 |
| Max loss(Δ P) | | 63 | 63 |
| Max temperature | | T50 | T50 |

Model: LXH-15A4-20A4

INDICATING ERROR

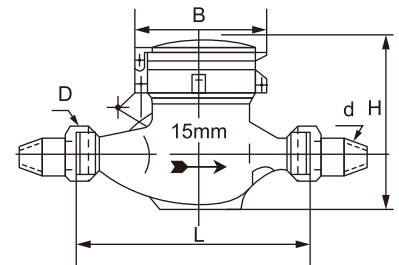
At low zone is $\pm 5\%$ from minimum flow rate (q_{min}) to transitional flow rate (q_t) exclusive boundary
 At high zone is $\pm 2\%$ from transitional flow rate (q_t) to overload flow rate (q_s)

Head Loss and Error Curve:



Dimensions and Weight:

| Meter Size Dia DN | L Length | B Width | H Height | Connecting Thread D | Weight Kg |
|-------------------------|-------------|------------|-------------|------------------------|--------------|
| (mm) | (mm) | | | | |
| 15 | 165 | 95 | 121 | G 3/4B | 1.4 |
| 20 | 190 | 95 | 121 | G 1B | 1.7 |



WORKING CONDITION:

Water temperature: $\leq 50^\circ\text{C}$ for cold water meter
 Working pressure: $\leq 1.6\text{Mpa}$

Model: LXH-15A5-20A5

Volumetric Water Meter

Feature:

- Volumetric piston type
- Material body: Nylon plastic
- Size: DN15 to DN20mm, (1/2"-3/4")
- Available for cold water (50°C)
- Accuracy: Class C / R160 / R200



Main Technical Data:

According to IS04064(GB/T778.1-1996) Standard

| Size | | Class | Qs | Qp | Qt | Qmin | Min Reading | Max Reading |
|--------|------|-------|-------------------|--------------|-------------------|----------|----------------|-------------|
| DN(mm) | Inch | | Overload Flow | Nominal Flow | Transitional Flow | Min Flow | | |
| | | | m ³ /h | | L/h | | m ³ | |
| 15 | 1/2" | C | 3 | 1.5 | 22.5 | 15 | 0.0001 | 99999 |
| 20 | 3/4" | C | 5 | 2.5 | 37.5 | 25 | 0.0001 | 99999 |

According to IS04064(GB/T778.1-2007) Standard

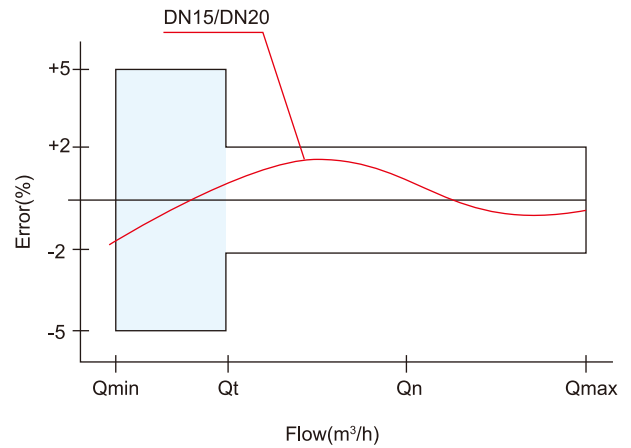
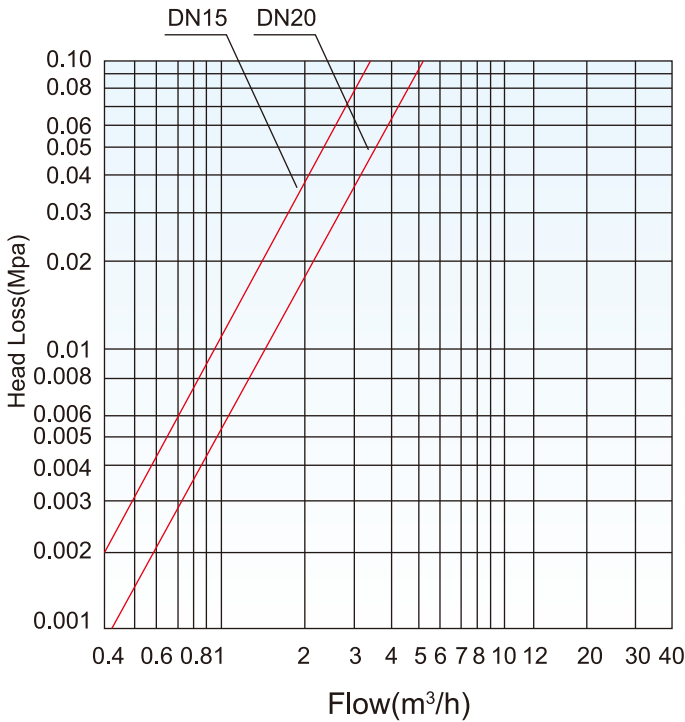
| DN Size | Mm Inch | 15 1/2" | 20 3/4" |
|------------------------------|---------|------------|------------|
| Q4(m ³ /h) | | 3.125 | 5 |
| Q3(m ³ /h) | | 2.5 | 4 |
| R160 | Q2(L/h) | 25 | 40 |
| | Q1(L/h) | 15.625 | 25 |
| R200 | Q2(L/h) | 20 | 32 |
| | Q1(L/h) | 12.5 | 20 |
| Min reading(m ³) | | 0.0001 | 0.0001 |
| Max reading(m ³) | | 99999 | 99999 |
| Max pressure(MAP) | | 16 | 16 |
| Max loss(Δ P) | | 63 | 63 |
| Max temperature | | T50 | T50 |

Model: LXH-15A5-20A5

INDICATING ERROR

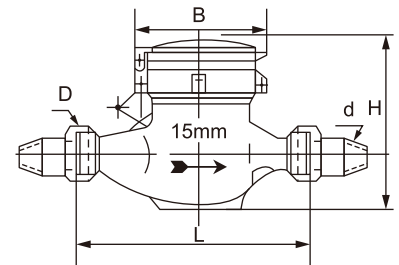
At low zone is $\pm 5\%$ from minimum flow rate (q_{min}) to transitional flow rate (q_t) exclusive boundary
 At high zone is $\pm 2\%$ from transitional flow rate (q_t) to overload flow rate (q_s)

Head Loss and Error Curve:



Dimensions and Weight:

| Meter Size Dia DN | L Length | B Width | W Height | Connecting Thread D | Weight Kg |
|-------------------------|-------------|------------|-------------|------------------------|--------------|
| (mm) | (mm) | | | | |
| 15 | 165 | 95 | 125 | G 3/4B | 0.58 |
| 20 | 190 | 95 | 125 | G 1B | 0.65 |



WORKING CONDITION:

Water temperature: $\leq 50^{\circ}\text{C}$ for cold water meter
 Working pressure: $\leq 1.6\text{Mpa}$

Model: LXSGY-15E-50E

Pulse Output Water Meter

Feature:

- Multi jet, Dry-dial
- Material body: Brass
- Size: DN15 to DN50mm, (½"-2")
- Available for cold water (50°C), hot water (90°C)
- Accuracy: Class B / Class C / R160
- Pulse output reading: 1 L/pulse; 10 L/pulse; 0.1 gallon/pulse; 1 gallon/pulse



Main Technical Data:

According to IS04064(GB/T778.1-1996) Standard

| Size | | Class | Qs | Qp | Qt | Qmin | Min Reading | Max Reading |
|--------|--------|-------|---------------|--------------|-------------------|----------|-------------|-------------|
| DN(mm) | Inch | | Overload Flow | Nominal Flow | Transitional Flow | Min Flow | | |
| | | m³/h | | L/h | | m³ | | |
| 15 | 1/2" | A | 3 | 1.5 | 150 | 60 | 0.0001 | 99999 |
| | | B | | | 120 | 30 | | |
| | | C | | | 22.5 | 15 | | |
| 20 | 3/4" | A | 5 | 2.5 | 250 | 100 | 0.0001 | 99999 |
| | | B | | | 200 | 50 | | |
| | | C | | | 37.5 | 25 | | |
| 25 | 1" | A | 7 | 3.5 | 350 | 140 | 0.0001 | 99999 |
| | | B | | | 280 | 70 | | |
| 32 | 1 1/4" | A | 12 | 6 | 600 | 240 | 0.0001 | 99999 |
| | | B | | | 480 | 120 | | |
| 40 | 1 1/2" | A | 20 | 10 | 1000 | 400 | 0.001 | 99999 |
| | | B | | | 800 | 200 | | |
| 50 | 2" | A | 30 | 15 | 1500 | 600 | 0.001 | 99999 |
| | | B | | | 1200 | 300 | | |

INDICATING ERROR

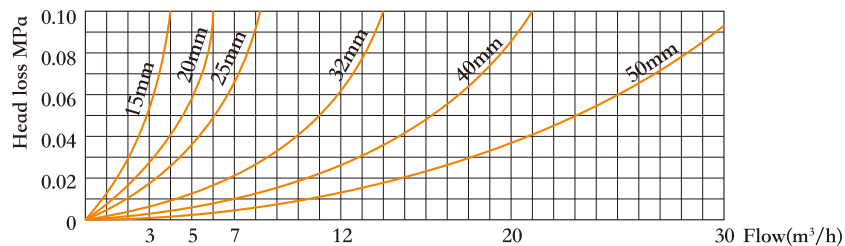
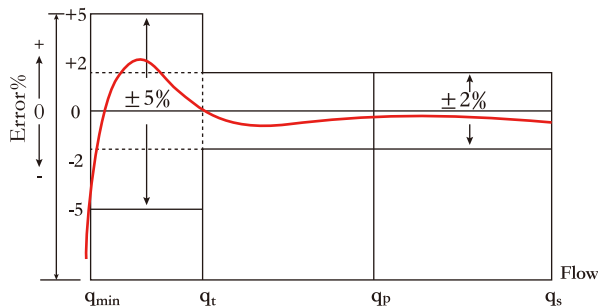
At low zone is $\pm 5\%$ from minimum flow rate (qmin) to transitional flow rate (qt) exclusive boundary

At high zone is $\pm 2\%$ from transitional flow rate (qt) to overload flow rate (qs)

Model: LXSGY-15E-50E

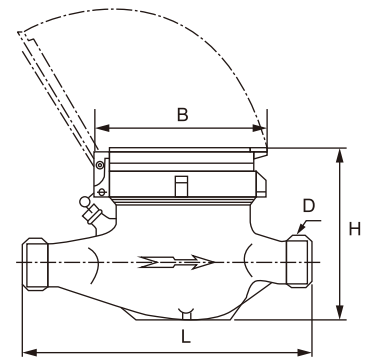
According to IS04064(GB/T778.1-2007) Standard

| DN Size | Mm Inch | 15 1/2" | 20 3/4" | 25 1" | 32 1 1/4" | 40 1 1/2" | 50 2" |
|------------------------------|---------|------------|------------|----------|--------------|--------------|----------|
| Q4(m ³ /h) | | 3.125 | 5 | 7.875 | 12.5 | 20 | 31.25 |
| Q3(m ³ /h) | | 2.5 | 4 | 6.3 | 10 | 16 | 25 |
| R80 | Q2(L/h) | 50 | 80 | 126 | 200 | 320 | 500 |
| | Q1(L/h) | 31.25 | 50 | 78.75 | 125 | 200 | 312.5 |
| R100 | Q2(L/h) | 40 | 64 | 100.8 | 160 | 256 | 400 |
| | Q1(L/h) | 25 | 40 | 63 | 100 | 160 | 250 |
| R125 | Q2(L/h) | 32 | 51.2 | 80.64 | 128 | 204.8 | 320 |
| | Q1(L/h) | 20 | 32 | 50.4 | 80 | 128 | 200 |
| R160 | Q2(L/h) | 25 | 40 | 63 | 100 | 160 | 250 |
| | Q1(L/h) | 15.625 | 25 | 39.375 | 62.5 | 100 | 156.25 |
| Min reading(m ³) | | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.001 | 0.001 |
| Max reading(m ³) | | 99999 | 99999 | 99999 | 99999 | 99999 | 99999 |
| Max pressure(MAP) | | 16 | 16 | 16 | 16 | 16 | 16 |
| Max loss(ΔP) | | 63 | 63 | 63 | 63 | 63 | 63 |
| Max temperature | | T50 | T50 | T50 | T50 | T50 | T50 |



Dimensions and Weight:

| Meter Size Dia DN | L Length | B Width | H Height | Connecting Thread D | Weight Kg |
|-------------------------|-------------|------------|-------------|------------------------|--------------|
| (mm) | (mm) | | | | |
| 15 | 165 | 99 | 108 | G 3/4B | 1.4 |
| 20 | 190 | 99 | 108 | G 1B | 1.7 |
| 25 | 225 | 104 | 114 | G1 1/4B | 2.4 |
| 32 | 230 | 104 | 117 | G1 1/2B | 2.7 |
| 40 | 245 | 128 | 158 | G 2B | 4.5 |
| 50 | 280 | 128 | 183 | G2 1/2B | 7.2 |



WORKING CONDITION:

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

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

Working pressure: $\leq 1.6\text{Mpa}$

Model: LXSGY-15S-50S

Pulse Output Water Meter

Feature:

- Multi jet, Dry-dial
- Material body: Nylon plastic
- Size: DN15 to DN50mm, (1/2"-2")
- Available for cold water (50°C)
- Accuracy: Class B / Class C / R160
- Pulse output reading: 1 L/pulse; 10 L/pulse; 0.1 gallon/pulse; 1 gallon/pulse



Main Technical Data:

According to IS04064(GB/T778.1-1996) Standard

| Size | | Class | Qs | Qp | Qt | Qmin | Min Reading | Max Reading |
|--------|--------|-------------------|---------------|--------------|-------------------|----------|----------------|-------------|
| DN(mm) | Inch | | Overload Flow | Nominal Flow | Transitional Flow | Min Flow | | |
| | | m ³ /h | | | L/h | | m ³ | |
| 15 | 1/2" | A | 3 | 1.5 | 150 | 60 | 0.0001 | 99999 |
| | | B | | | 120 | 30 | | |
| | | C | | | 22.5 | 15 | | |
| 20 | 3/4" | A | 5 | 2.5 | 250 | 100 | 0.0001 | 99999 |
| | | B | | | 200 | 50 | | |
| | | C | | | 37.5 | 25 | | |
| 25 | 1" | A | 7 | 3.5 | 350 | 140 | 0.0001 | 99999 |
| | | B | | | 280 | 70 | | |
| 32 | 1 1/4" | A | 12 | 6 | 600 | 240 | 0.0001 | 99999 |
| | | B | | | 480 | 120 | | |
| 40 | 1 1/2" | A | 20 | 10 | 1000 | 400 | 0.001 | 99999 |
| | | B | | | 800 | 200 | | |
| 50 | 2" | A | 30 | 15 | 1500 | 600 | 0.001 | 99999 |
| | | B | | | 1200 | 300 | | |

INDICATING ERROR

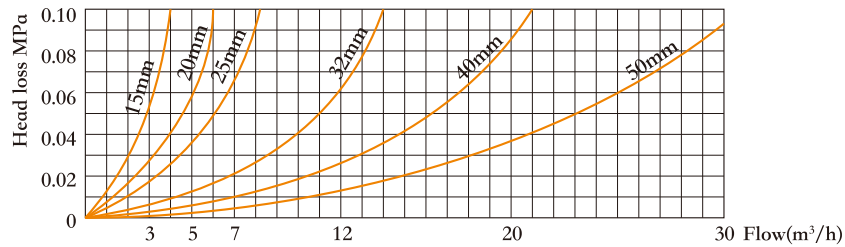
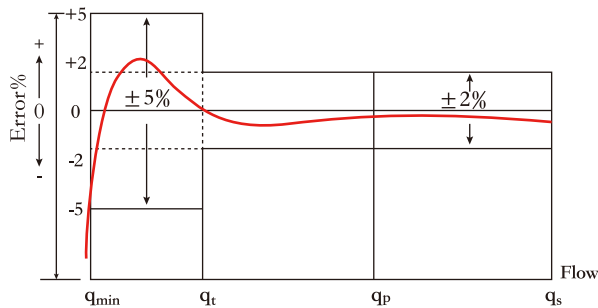
At low zone is $\pm 5\%$ from minimum flow rate (qmin) to transitional flow rate (qt) exclusive boundary

At high zone is $\pm 2\%$ from transitional flow rate (qt) to overload flow rate (qs)

Model: LXSGY-15S-50S

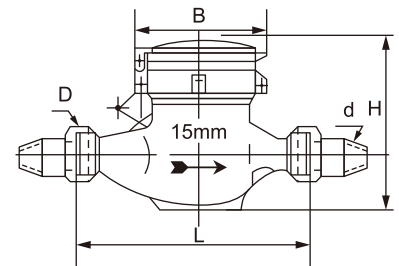
According to IS04064(GB/T778.1-2007) Standard

| DN Size | Mm Inch | 15 1/2" | 20 3/4" | 25 1" | 32 1 1/4" | 40 1 1/2" | 50 2" |
|------------------------------|---------|------------|------------|----------|--------------|--------------|----------|
| Q4(m ³ /h) | | 3.125 | 5 | 7.875 | 12.5 | 20 | 31.25 |
| Q3(m ³ /h) | | 2.5 | 4 | 6.3 | 10 | 16 | 25 |
| R80 | Q2(L/h) | 50 | 80 | 126 | 200 | 320 | 500 |
| | Q1(L/h) | 31.25 | 50 | 78.75 | 125 | 200 | 312.5 |
| R100 | Q2(L/h) | 40 | 64 | 100.8 | 160 | 256 | 400 |
| | Q1(L/h) | 25 | 40 | 63 | 100 | 160 | 250 |
| R125 | Q2(L/h) | 32 | 51.2 | 80.64 | 128 | 204.8 | 320 |
| | Q1(L/h) | 20 | 32 | 50.4 | 80 | 128 | 200 |
| R160 | Q2(L/h) | 25 | 40 | 63 | 100 | 160 | 250 |
| | Q1(L/h) | 15.625 | 25 | 39.375 | 62.5 | 100 | 156.25 |
| Min reading(m ³) | | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.001 | 0.001 |
| Max reading(m ³) | | 99999 | 99999 | 99999 | 99999 | 99999 | 99999 |
| Max pressure(MAP) | | 16 | 16 | 16 | 16 | 16 | 16 |
| Max loss(ΔP) | | 63 | 63 | 63 | 63 | 63 | 63 |
| Max temperature | | T50 | T50 | T50 | T50 | T50 | T50 |



Dimensions and Weight:

| Meter Size Dia DN | L Length | B Width | H Height | Connecting Thread D | Weight Kg |
|-------------------------|-------------|------------|-------------|------------------------|--------------|
| (mm) | (mm) | | | | |
| 15 | 165 | 99 | 104 | G 3/4B | 0.53 |
| 20 | 190 | 99 | 125 | G 1B | 0.6 |
| 25 | 260 | 106 | 132 | G1 1/4B | 0.78 |
| 32 | 230 | 104 | 120 | G1 1/2B | 0.82 |
| 40 | 245 | 128 | 150 | G 2B | 1.2 |
| 50 | 300 | 130 | 150 | G2 1/2B | 1.46 |



WORKING CONDITION:

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

Working pressure: $\leq 1.6\text{Mpa}$

Model: LXLC-50E2-500E2

Woltman Water Meter

Feature:

- Woltman type, Dry-dial
- Material body: Gray cast iron / Ductile cast iron
- Size: DN50 to DN500mm, (2"-20")
- Available for cold water (50°C), hot water (90°C)
- Accuracy: Class B standard



Main Technical Data:

According to IS04064(GB/T778.1-1996) Standard

| Size | | Class | Qs | Qp | Qt | Qmin | Min Reading | Max Reading |
|--------|------|-------------------|---------------|--------------|-------------------|----------|----------------|-------------|
| DN(mm) | Inch | | Overload Flow | Nominal Flow | Transitional Flow | Min Flow | | |
| | | m ³ /h | | | | | m ³ | |
| 50 | 2" | B | 30 | 15 | 3 | 0.45 | 0.01 | 999999 |
| 65 | 2.5" | B | 50 | 25 | 5 | 0.75 | 0.01 | 999999 |
| 80 | 3" | B | 80 | 40 | 8 | 1.2 | 0.01 | 999999 |
| 100 | 4" | B | 120 | 60 | 12 | 1.8 | 0.01 | 999999 |
| 125 | 5" | B | 200 | 100 | 20 | 3 | 0.01 | 999999 |
| 150 | 6" | B | 300 | 150 | 30 | 4.5 | 0.01 | 999999 |
| 200 | 8" | B | 500 | 250 | 50 | 7.5 | 0.01 | 999999 |
| 250 | 10" | B | 800 | 400 | 80 | 12 | 0.01 | 9999999 |
| 300 | 12" | B | 1200 | 600 | 120 | 18 | 0.01 | 9999999 |
| 400 | 16" | B | 2000 | 1000 | 200 | 30 | 0.01 | 9999999 |
| 500 | 20" | B | 3000 | 1500 | 300 | 45 | 0.01 | 9999999 |

INDICATING ERROR

At low zone is $\pm 5\%$ from minimum flow rate (qmin) to transitional flow rate (qt) exclusive boundary

At high zone is $\pm 2\%$ from transitional flow rate (qt) to overload flow rate (qs)

WORKING CONDITION:

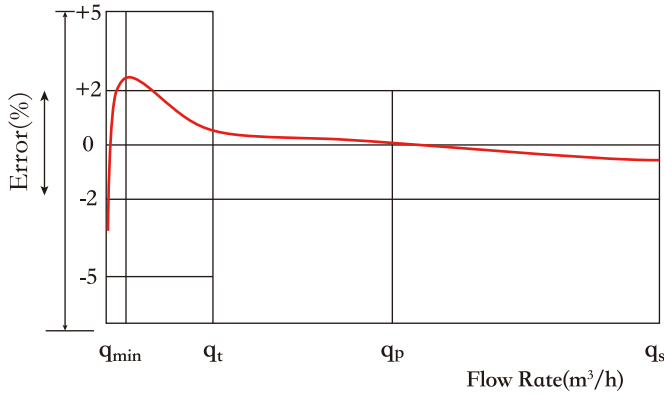
Water temperature: $\leq 50^\circ\text{C}$ for cold water meter

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

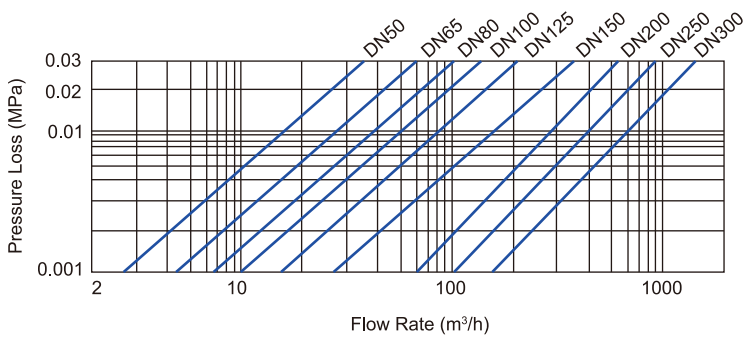
Working pressure: $\leq 1.6\text{Mpa}$

Model: LXLC-50E2-500E2

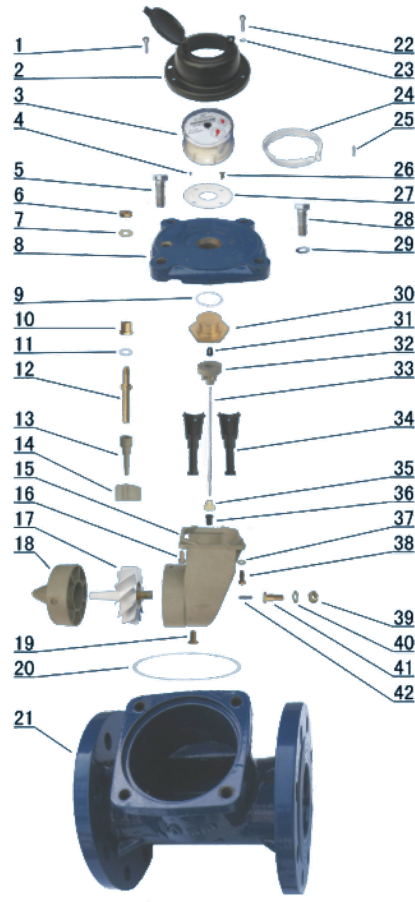
Error Curve:



Pressure Loss Curve:

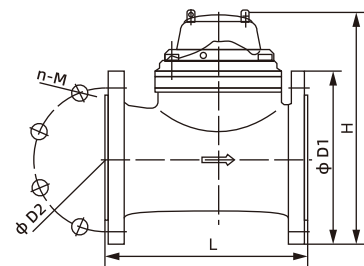


| Code | Description | Material | QTY |
|------|---------------------|---------------------|-----|
| 1 | Screw For Sealing | Stainless Steel | 2 |
| 2 | Cover With Lid | Assembly | 1 |
| 3 | Sealed Register | Assembly | 1 |
| 4 | Position Pin | Stainless Steel | 1 |
| 5 | Lead Seal Bolt | Stainless Steel | 2 |
| 6 | Adjusting Nut | Brass | 1 |
| 7 | Gasket | Brass | 1 |
| 8 | Flange Cover | GGG40 ductile Iron | 1 |
| 9 | O-ring | Silicon Rubber | 1 |
| 10 | Bush | Brass | 1 |
| 11 | Gasket | Synthetic Rubber | 1 |
| 12 | Adjusting Lever | Brass | 1 |
| 13 | Connecting Lever | MPPO | 1 |
| 14 | Adjusting Plate | MPPO | 1 |
| 15 | Support | MPPO | 1 |
| 16 | Bolt | Brass | 1 |
| 17 | Turbine Component | Assembly | 1 |
| 18 | Rectifier | MPPO | 1 |
| 19 | Screw | Brass | 1 |
| 20 | O-ring | Synthetic Rubber | 1 |
| 21 | Body | GGG40 ductile Iron | 1 |
| 22 | Screw M4x20 | Stainless Steel | 2 |
| 23 | Gasket | Stainless Steel | 3 |
| 24 | Retainer | ABS | 1 |
| 25 | Fixing pin | Brass | 1 |
| 26 | Screw | Brass | 4 |
| 27 | Support | ABS | 1 |
| 28 | Bolt M12x35 | Stainless Steel | 2 |
| 29 | Gasket | Stainless Steel | 4 |
| 30 | Upper Bearing Plate | Brass | 1 |
| 31 | Upper Bearing | Nylon With Graphite | 1 |
| 32 | Magnet Component | Component | 1 |
| 33 | Transmission Shaft | Stainless Steel | 1 |
| 34 | Sheath | MPPO | 2 |
| 35 | Bevel Gear | Nylon | 1 |
| 36 | Lower Bearing | Nylon With Graphite | 1 |
| 37 | Gasket | Brass | 4 |
| 38 | Screw | Brass | 3 |
| 39 | Nut | Brass | 1 |
| 40 | Gasket | Brass | 1 |
| 41 | Turbine Shaft Hold | Brass | 1 |
| 42 | Turbine Shaft | Tungsten Steel | 1 |



Dimensions and Weight:

| Meter Size Dia DN | L Length | B Width | H Height | Connecting Thread | | | Weight Kg |
|-------------------------|-------------|------------|-------------|-------------------|-----------------------|--------------------|--------------|
| | | | | D | Bolt Circle Dia D1 | Connecting Bolt | |
| 50 | 200 | 175 | 257 | 165 | 125 | 4xM16 | 12 |
| 65 | 200 | 185 | 267 | 185 | 145 | 4xM16 | 13 |
| 80 | 225 | 200 | 277 | 200 | 160 | 8xM16 | 15 |
| 100 | 250 | 220 | 287 | 220 | 180 | 8xM16 | 19 |
| 125 | 250 | 245 | 297 | 245 | 210 | 8xM16 | 22 |
| 150 | 250 | 285 | 375 | 285 | 240 | 8xM20 | 47 |
| 200 | 350 | 345 | 400 | 340 | 295 | 8xM20 | 48 |
| 250 | 450 | 395 | 484 | 395 | 350 | 8xM20 | 110 |
| 300 | 450 | 445 | 506 | 445 | 400 | 12xM20 | 115 |
| 400 | 500 | 565 | 621 | 565 | 515 | 16xM24 | 180 |
| 500 | 500 | 670 | 725 | 670 | 620 | 20xM24 | 330 |



Model: LXLC-50E1-200E1

Woltman Water Meter

Feature:

- Woltman type, Dry-dial
- Material body: Gray cast iron / Ductile cast iron
- Size: DN50 to DN200mm, (2"-8")
- Available for cold water (50°C), hot water (90°C)
- Accuracy: Class B standard



Main Technical Data:

According to IS04064(GB/T778.1-1996) Standard

| Size | | Class | Qs | Qp | Qt | Qmin | Min Reading | Max Reading |
|--------|------|-------------------|---------------|--------------|-------------------|----------|----------------|-------------|
| DN(mm) | Inch | | Overload Flow | Nominal Flow | Transitional Flow | Min Flow | | |
| | | m ³ /h | | | | | m ³ | |
| 50 | 2" | B | 30 | 15 | 3 | 0.45 | 0.01 | 999999 |
| 65 | 2.5" | B | 50 | 25 | 5 | 0.75 | 0.01 | 999999 |
| 80 | 3" | B | 80 | 40 | 8 | 1.2 | 0.01 | 999999 |
| 100 | 4" | B | 120 | 60 | 12 | 1.8 | 0.01 | 999999 |
| 125 | 5" | B | 200 | 100 | 20 | 3 | 0.01 | 999999 |
| 150 | 6" | B | 300 | 150 | 30 | 4.5 | 0.01 | 999999 |
| 200 | 8" | B | 500 | 250 | 50 | 7.5 | 0.01 | 999999 |

INDICATING ERROR

At low zone is $\pm 5\%$ from minimum flow rate (qmin) to transitional flow rate (qt) exclusive boundary

At high zone is $\pm 2\%$ from transitional flow rate (qt) to overload flow rate (qs)

WORKING CONDITION:

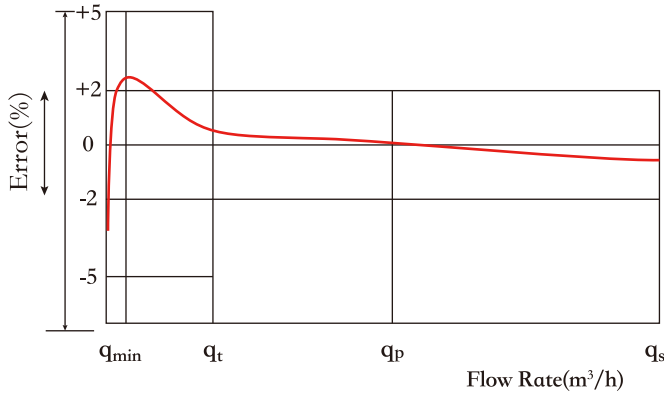
Water temperature: $\leq 50^{\circ}\text{C}$ for cold water meter

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

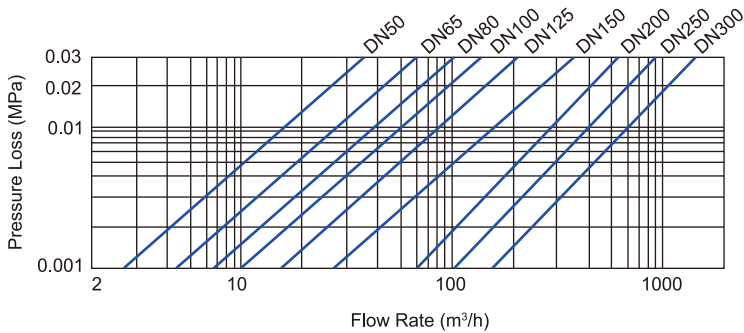
Working pressure: $\leq 1.6\text{Mpa}$

Model: LXLC-50E1-200E1

Error Curve:



Pressure Loss Curve:



Dimensions and Weight:

| Meter Size Dia DN | L Length | B Width | H Height | Connecting Thread | | | Weight |
|-------------------------|-------------|------------|-------------|-------------------|-----------------------|--------------------|--------|
| | | | | D | Bolt Circle Dia D1 | Connecting Bolt | |
| (mm) | | (mm) | | | | | Kg |
| 50 | 200 | 175 | 250 | 165 | 125 | 4xM16 | 12 |
| 65 | 200 | 185 | 255 | 185 | 145 | 4xM16 | 13 |
| 80 | 225 | 200 | 265 | 200 | 160 | 8xM16 | 15 |
| 100 | 250 | 220 | 275 | 220 | 180 | 8xM16 | 19 |
| 125 | 250 | 245 | 285 | 245 | 210 | 8xM16 | 22 |
| 150 | 300 | 285 | 375 | 285 | 240 | 8xM20 | 47 |
| 200 | 350 | 345 | 400 | 340 | 295 | 8xM20 | 48 |

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

| Code | Description | Material | QTY |
|------|---------------------|---------------------|-----|
| 1 | Screw For Sealing | Stainless Steel | 2 |
| 2 | Cover With Lid | Assembly | 1 |
| 3 | Sealed Register | Assembly | 1 |
| 4 | Position Pin | Stainless Steel | 1 |
| 5 | Lead Seal Bolt | Stainless Steel | 2 |
| 6 | Adjusting Nut | Brass | 1 |
| 7 | Gasket | Brass | 1 |
| 8 | Flange Cover | GGG40 ductile Iron | 1 |
| 9 | O-ring | Silicon Rubber | 1 |
| 10 | Bush | Brass | 1 |
| 11 | Gasket | Synthetic Rubber | 1 |
| 12 | Adjusting Lever | Brass | 1 |
| 13 | Connecting Lever | MPPO | 1 |
| 14 | Adjusting Plate | MPPO | 1 |
| 15 | Support | MPPO | 1 |
| 16 | Bolt | Brass | 1 |
| 17 | Turbine Component | Assembly | 1 |
| 18 | Rectifier | MPPO | 1 |
| 19 | Screw | Brass | 1 |
| 20 | O-ring | Synthetic Rubber | 1 |
| 21 | Body | GGG40 ductile Iron | 1 |
| 22 | Screw M4x20 | Stainless Steel | 2 |
| 23 | Gasket | Stainless Steel | 3 |
| 24 | Retainer | ABS | 1 |
| 25 | Fixing pin | Brass | 1 |
| 26 | Screw | Brass | 4 |
| 27 | Support | ABS | 1 |
| 28 | Bolt M12x35 | Stainless Steel | 2 |
| 29 | Gasket | Stainless Steel | 4 |
| 30 | Upper Bearing Plate | Brass | 1 |
| 31 | Upper Bearing | Nylon With Graphite | 1 |
| 32 | Magnet Component | Component | 1 |
| 33 | Transmission Shaft | Stainless Steel | 1 |
| 34 | Sheath | MPPO | 2 |
| 35 | Bevel Gear | Nylon | 1 |
| 36 | Lower Bearing | Nylon With Graphite | 1 |
| 37 | Gasket | Brass | 4 |
| 38 | Screw | Brass | 3 |
| 39 | Nut | Brass | 1 |
| 40 | Gasket | Brass | 1 |
| 41 | Turbine Shaft Hold | Brass | 1 |
| 42 | Turbine Shaft | Tungsten Steel | 1 |

