REF. 2705 CDEVOEF

COLD WATER METER SINGLE JET MID R160 RADIO MBUS PRE-EQUIPPED

Cold water meter single jet MID R160 dry rotating dial for water distribution.
Horizontal or vertical position without straight length upstream and downstream needed (U0/D0).
Ready for remote reading , Mbus radio or wired pre-equipped.

Size :	DN15 to DN20
Connection :	Male BSP
Min Temperature :	+0°C
Max Temperature :	+50°C
Max Pressure :	16 Bars
Specifications :	Single jet Rotating dial Dry dial Magnetic transmission
Materials :	Brass body CW617N-4MS according to EN 12165

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Information provided as an indication and subject to possible modification

COLD WATER METER SINGLE JET MID R160 RADIO MBUS PRE-EQUIPPED

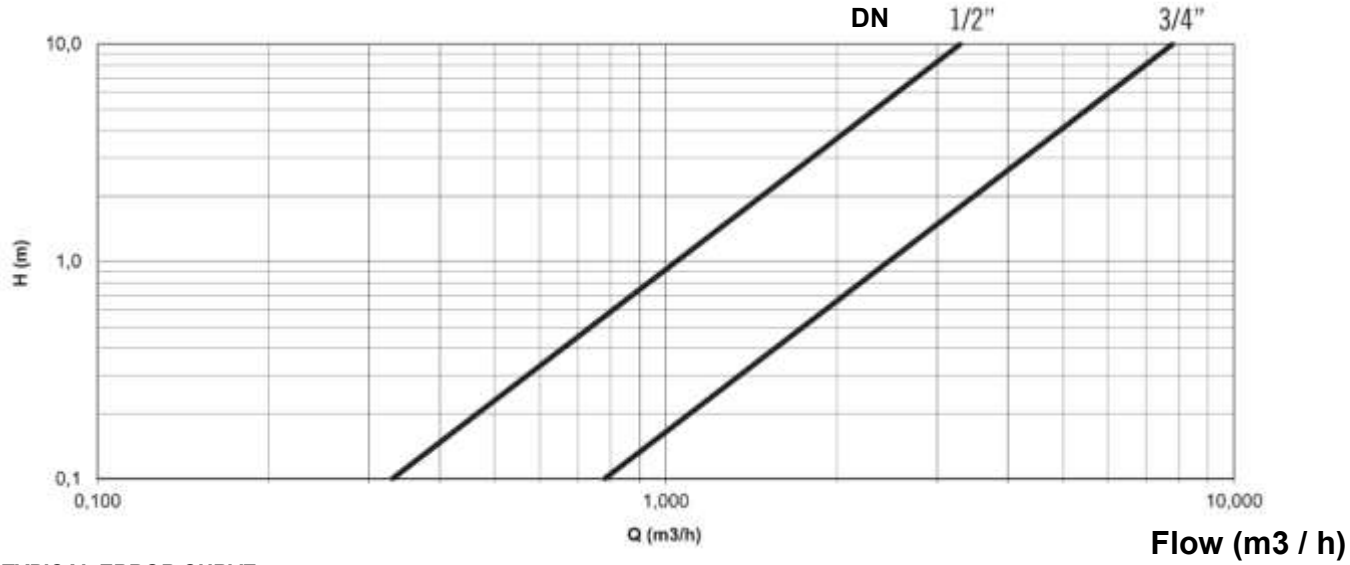
SPECIFICATIONS :

- Single jet type
- **MID R160** for horizontal position and horizontal dial **(**respect the flow direction indicated by the arrow)
- **MID R80** for horizontal position with vertical dial **(**respect the flow direction indicated by the arrow)
- **MID R63** for vertical position **(**respect the flow direction indicated by the arrow)
- Horizontal position without straight length needed (U0D0)
- Dry rotating dial
- Magnetic transmission
- Direct reading on 8 numerical rolls
- Design according to EN ISO 4064
- 4MS brass body

USE :

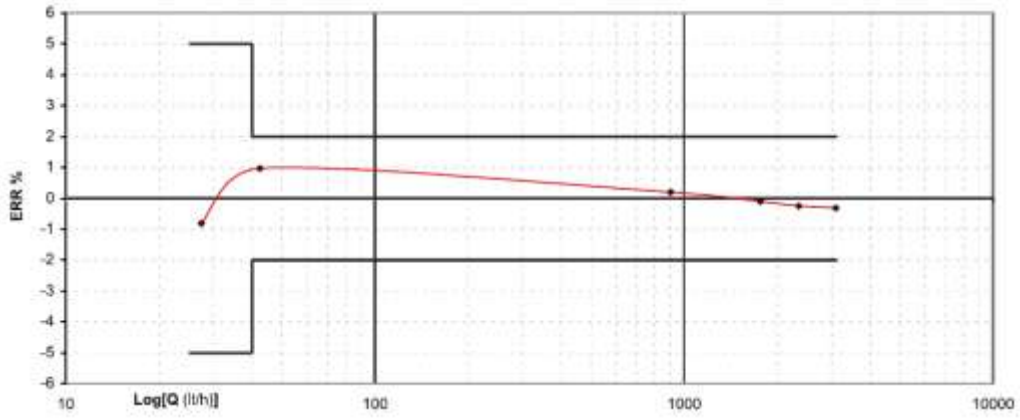
- Water distribution
- Min and max temperature Ts : +0°C to +50°C
- Max Pressure Ps : 16 bars

HEAD LOSS GRAPH :



Flow (m3 / h)

TYPICAL ERROR CURVE :



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COLD WATER METER SINGLE JET MID R160 RADIO MBUS PRE-EQUIPPED

RANGE :

- Single jet cold water meter MID R160 MBUS pre-equipped **Ref.2705 CDEVOEF** DN15 to DN20

ACCESSORIES :

- Wireless M-Bus module 868MHz IP67 (to install on the dial) **Ref.2749001 CICDEVOR**

- Wired M-Bus module (to install on the dial) **Ref.2749002 CICDEVOM**

- USB receiver with programming key **Ref.2749007 VSB 868 MHz**

- RADIO receiver (with USB or Bluetooth) **Ref.2749024 RRADIO**

- RADIO ARROW MOBILE software
  Ref.2749014

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COLD WATER METER SINGLE JET MID R160 RADIO MBUS PRE-EQUIPPED

ACCESSORIES (SUITE) :

- Free nut water meter union with hole for filling on nut – Male BSP
  - DN15 F3/4"- M1/2" **Ref. 9811054**
  - DN15 F3/4"- M3/4" **Ref. 9811094**
  - DN20 F1" – M3/4" **Ref. 9811065**

- Plastic antifraud seal
  - DN15 **Ref. 9811040**
  - DN20 **Ref. 9811041**

- Nylon + 30% glass fibers pipe Male BSP (waiting for water meter)
  - DN15 length 110 **Ref. 9811053**
  - DN20 length 130 **Ref. 9811055**

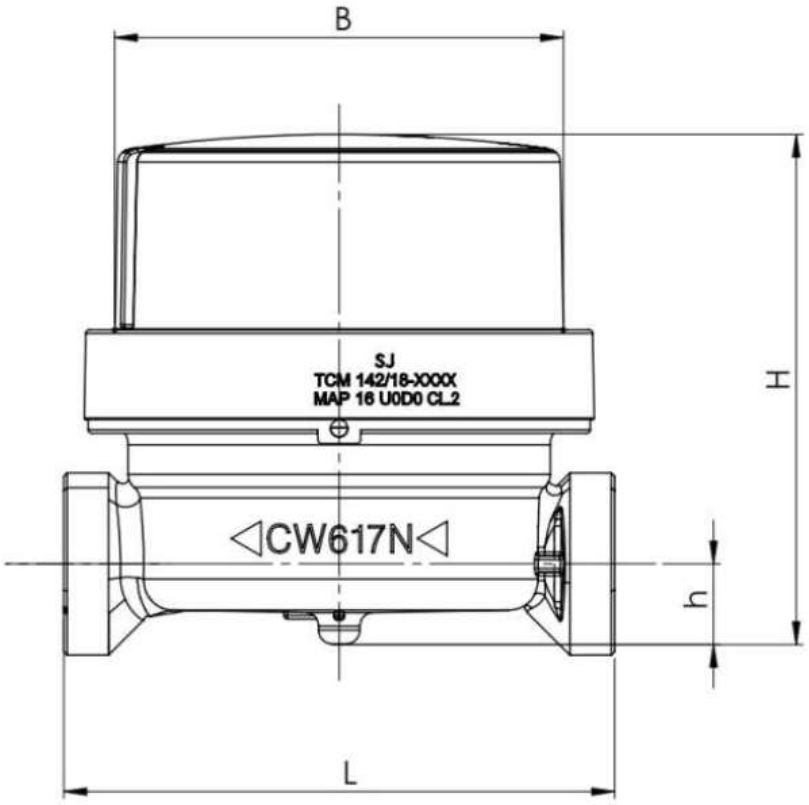
- Brass pipe male BSP threaded
  - For water meter DN15 length 110 **Ref. 9811045**

- Brass water meter stand with fix and sliding fitting DN15 **Ref. 9851000**

REF. 2705 CDEVOEF

COLD WATER METER SINGLE JET MID R160 RADIO MBUS PRE-EQUIPPED

SIZE (in mm) :



Bore	15	20
DN	3/4"	1"
L	110	130
Ø B	65.2	65.2
H	74.1	74.1
h	11.7	16.7
Weight (in Kg)	0.35	0.45
Ref.	2705015	2705020

COLD WATER METER SINGLE JET MID R160 RADIO MBUS PRE-EQUIPPED

TECHNICAL FEATURES :

Bore	15	20
Max flow Q4 max (m3/h)	3.13	5
Nominal flow rate Q3 (m3/h)	2.5	4
Min flow rate MID R160 Q1 with ± 5% error (l/h)	15.6	25
Min flow rate MID R80 Q1 with ± 5% error (l/h)	31.25	50
Min flow rate MID R63 Q1 with ± 5% error (l/h)	39.62	63.5
Transitional flow rate Q2 MID R160 with ± 2% error (L/h)	25	40
Transitional flow rate Q2 MID R80 with ± 2% error (L/h)	50	80
Transitional flow rate Q2 MID R63 with ± 2% error (L/h)	63.5	101.6
Starting flow rate (l/h)	6	8
Head loss class (ΔP @ Q3)	ΔP 63	ΔP 63
Nb of turns / turbine liter	2	2
Min reading (L)	0.05	0.05
Max reading (m3)	100.000	100.000

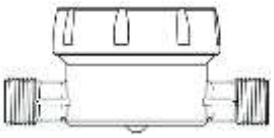
COLD WATER METER SINGLE JET MID R160 RADIO MBUS PRE-EQUIPPED

STANDARDS :

- Manufacturer certified ISO 9001 : 2015 and ISO 14001 :2015
- DIRECTIVE 2014/68/EU : Products excluded from directive (article 1, § 2b)
- Water Meters according to directive **2014/32/EU MID (annex MI001)**
- Designing according to **EN 14154 and EN ISO 4064**
- French water agreement **A.C.S. N° 25 ACC LY 180**
- English water agreement **WRAS**
- Male BSP cylindrical threading according to ISO 228-1

HORIZONTAL POSITIONS :

HORIZONTAL :

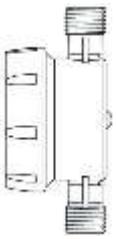


Class MID R=160

Class MID R=80
(Vertical dial assimilated to vertical position)

VERTICAL* :

*** : In vertical position, the metering precision of the meter is going to be slightly altered, and the pipe should always be full of water.**



Class MID R=63

ADVICE : Our opinion and our advice are not guaranteed and SFERACO shall not be liable for the consequences of damages.
The customer must check the right choice of the products with the real service conditions.

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