

CORONA M

Multi-Jet Meter | Dry Runner

DIEHL
Metering



APPLICATION

CORONA M is a multi-jet main meter that uses magnetic transmission and is designed for metering cold water.

Its proven technology combines good quality metrological properties (class B) and great endurance, particularly with charged water. Magnetic transmission keeps the register separated from the hydraulic part.

Modular design is one of the main benefits of the CORONA M meter. CORONA M can be fitted at any time with IZAR RADIO reading system, IZAR DOSING device or a pulse transmitter IZAR PULSE, gateway to other systems.

FEATURES

- ▶ Multijet meter
- ▶ Class B
- ▶ Magnetic transmission
- ▶ Compatible well charged water
- ▶ Modular (preequipped for IZAR Radio)
- ▶ Available in DN15 & 20

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METROLOGICAL DATA

Nominal diameter	DN	mm	15	20	20
Length	L	mm	165/170	190	190
Nominal flowrate	Q ₃	m ³ /h	2.5	2.5	4
R	(Q ₃ /Q ₁)		80	80	80
Start flowrate		l/h	7	7	10
Min. flowrate	Q ₁	l/h	30	30	50
Transition flowrate	Q ₂	l/h	50	50	80
Max. flowrate	Q ₄	m ³ /h	3.125	3.125	5
Max. manufacturer's flowrate		m ³ /h	5	5	6.4

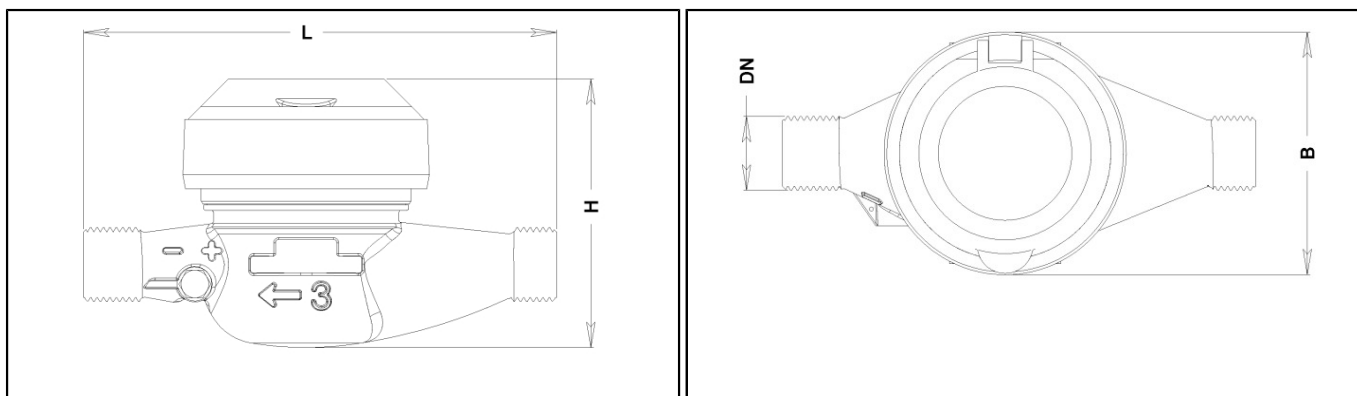
APPROVAL

Nominal diameter	DN	mm	15	20	20
Length	L	mm	165/170	190	190
MID approval			LNE-13660	LNE-13660	LNE-11533
Alimentarity			ACS	ACS	ACS

TEMPERATURE AND PRESSURE

CORONA M		
Medium temperature range	°C	0...50
Nominal pressure	bar	16

DIMENSIONS

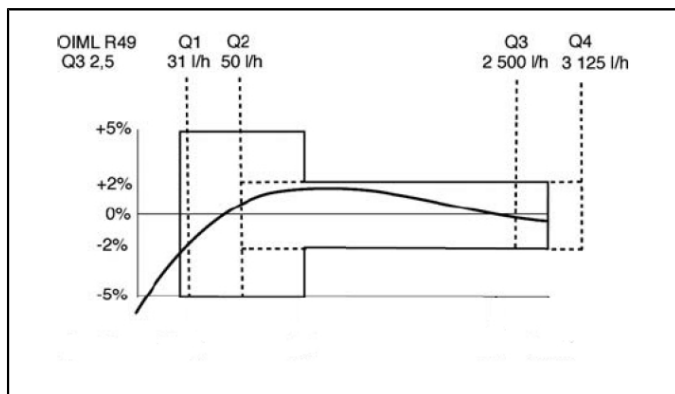


Nominal diameter	DN	mm	15	20	20
Length	L	mm	165/170	190	190
Thread connections	G	inch	3/4"	1"	1"
Width	B	mm	80	80	80
Height	H	mm	96	96	110
Weight		kg	0.94	0.970	1.57

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PRECISION CURVE



HEAD LOSS

Nominal diameter	DN	mm	15	20	20
Length	L	mm	165/170	190	190
kvs ($\Delta P = Q^2 / Kvs^2$)			3.7	5	6.4