ALTAIR CONCENTRIC

Rotary Piston Meter

DIEHL
Metering

APPLICATION

ALTAIR CONCENTRIC is a volumetric water meter.
Its metrological performance matches the ALTAIR in-line meters : high dynamic range, very low start flowrates, low head loss and strong resistance to overflowrates.
ALTAIR CONCENTRIC is compact. Its low profile means that it can be installed on a coaxial base in a concentric manifold.
ALTAIR CONCENTRIC meter is modular and can be fitted at any time with an IZAR radio reading system, an IZAR DOSING device or an IZAR PULSE transmitter, gateway to other systems

FEATURES

- Available in Q3=2.5 & Q3=4
- Approved MID up to R=500
- Glass metal register in standard
- Composite and brass body version
- High dynamique range
- Start flowrate at 2 l/h

smart in solutions

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METROLOGICAL DATA

Nominal flowrate	Q3	m³/h	2.5	4	2.5	4
R*	Q3/Q1		160	160	250	250
Start flowrate		l/h	2	2	2	2
Min. constructor's flowrate		l/h	5	5	5	5
Min. flowrate	Q_1	l/h	15.6	25	10	16
Transition flowrate	Q_2	l/h	25	40	16	25.6
Max. flowrate	Q_4	m³/h	3	5	3	5
Max. constructor's flowrate		m³/h	7	7	7	7

* Other values on request

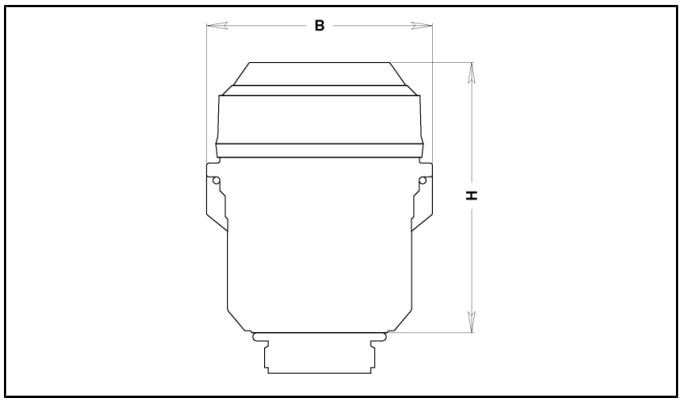
APPROVAL

	ALTAIR CONCENTRIC
MID Approval	LNE-5582
Alimentarity	ACS - WRAS - WIS

TEMPERATURE AND PRESSURE

		ALTAIR CONCENTRIC
Medium temperature range	°C	0 ... +30
Nominal pressure	bar	16

DIMENSIONS



			ALTAIR CONCENTRIC
Height	H	mm	118
Width	B	mm	100
Thread connections	G	inch	1"1/2
Weight (brass version)		kg	1.11
Weight (composite version)		kg	0.55

Fitting and removing wrench
A special wrench is required for fitting or removing the meter (contact Diehl Metering). The two seals remain on the meter when it is removed.

Diehl Metering GesmbH • Hainburger Strasse 33 • A-1030 Wien • Austria
Phone: +43 (0)1 716 70-0 • Fax: +43 (0)1 716 70-12 • info-dmat@diehl.com • www.diehl.com/metering

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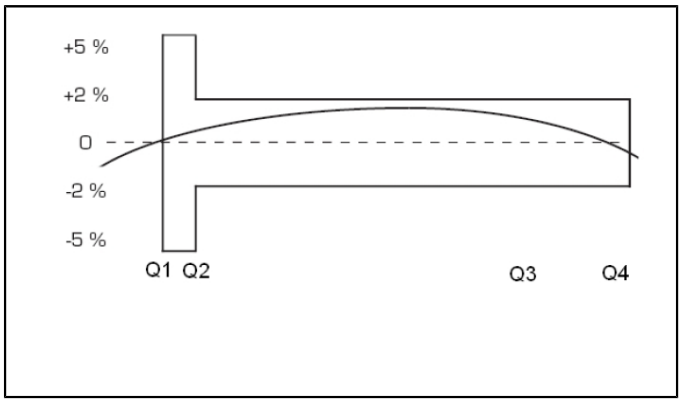
PRECISION CURVE



HEAD LOSS

	ALTAIR CONCENTRIC
Kvs (deltaP=Q²/Kvs²)	5

OPTION

IZAR PULSE pulse transmitter : 1 pulse/liter

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