

DS SD

**MULTI JET
SUPER DRY
WATER METER**

EG METAL
El Gohary For Water Meters



Tel: +202 35390027, Tel: +202 35390028, Fax: +202 35390029
Cairo Alexandria Desert Road , Km 28 ,Behind Smart Village Area 98 A.

We reserve the right to introduce any modification which may improve the quality of our product. Our technical staff is at your service for further information and to help you solve your technical problems.

Multijet Meter DS SD

THE PRODUCT

DS SD is a multijet meter for cold water which can be used and read with any type of water even if extremely hard, scaling or contains suspended particles. This is possible thanks to the isolation of the complete register from the part in contact with the water flowing in the lower part of the meter.

The transmission from the only part in contact with the water (turbine) and the dry part (register) is carried out by a magnetic coupling.

The magnetic coupling is protected against external magnetic influence tampering by a strong antimagnetic shield.

The meter can be supplied provided with a wiper.

STRUCTURAL CHARACTERISTICS

- Internally and externally epoxy painted brass body. This surface treatment ensures that the outside of the meter is protected from the environment and the inside from the water being measured.
- Die cast brass cap that ensures a perfect pressure tightness even in the case of excess pressure.
- Glass cover cut from glass plate that guarantees a perfect transparency for a long time.

- Lid made from shockproof plastic material
- Internal filter of adequate filtering section
- Internal mechanism made from wear resistant waterproof, antimagnetic and antiscaling plastic material.

FUNCTIONAL CHARACTERISTICS

- Hydraulic performance according to the current standards ISO 4064/1 Class B. The meter is approved in class B EEC 75 / 33.
- All meters undergo a selective precision test on 3 flowrates.
- Excellent resistance against external magnetic fields. The DS SD meter magnetic undergo the severe interface tests according to KIWA recommendation.
- On request the meters can be supplied with official EEC marking that certifies that initial verification has been carried out.

OVERALL DIMENTIONS AND HYDRAULIC PERFORMANCE

SIZE	mm	15	20	25	30	40	50
	inches	"	"	1"	"	"	2"
Qmin	l/h	30	50	70	100	200	450
Qt	l/h	120	150	280	400	800	3.000
Qn	m ³ /h	1.5	2.5	3.5	5.0	10.0	15.0
Qmax	m ³ /h	3.0	5.0	7.0	10.0	20.0	30.0
Head of loss at Qmax	bar	0.6	0.8	0.5	0.95	0.85	0.90
Nominal Pressure	bar	16	16	16	16	16	16
Maximum Reading	m ³	100,000	100,000	100,000	100,000	1,000,000	1,000,000
Minimum Reading	l	0.5	0.5	0.5	0.5	0.5	0.5
Weight	kg	1,450	1,610	2,300	2,370	4,500	9,500 Scr 14,000 Sce
Length without tail pieces*	mm	130-145-160 165-170	160-190	260	260	300	300
Length with tail pieces	mm	210-225-240 245-250	258-288	378	378	438	461 (Flange 300)

*For different lengths agreement can be made with our technician



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