

# DS TBR – DS TBR C

**WET DIAL  
MULTIJET  
WATER METER**

**EG METAL**  
*El Gohary For Water Meters*



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Cairo Alexandria Desert Road , Km 28 ,Behind Smart Village Area 98 A.

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# Multijet meter DS TBR (Class B)

## And DS TBR C (Class C)

### THE PRODUCT

DS TBR is a multijet meter for cold water with straight reading on numbered drums. The meter model DS TBR is mainly used to measure soft and clear water where scaling that could block the dial or make the reading difficult cannot take place.

### 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 is excellent for pressure tightness when high pressure will occur.
- 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

- Mechanical transmission not effected by external magnetic fields or ferrous particles in the water.
- Hydraulic performance according to the current standards EEC 75/ 33. The meter is available both in Class B (DS TBR)and Class C (DS TBR C) in sizes 1/2" (Qn 1.5), 3/4" (Qn 2.5), 1" (Qn 3,5) and 2" (Qn 15).
- All meters undergo a selective precision test at 3 flowrates using testing benches certified by European metrological authorities .
- 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"		3/4"		1"		1.1/4"	1.1/2"	2"	
		Cl.B	Cl.C	Cl.B	Cl.C	Cl.B	Cl.C	Cl.B	Cl.B	Cl.B	Cl.C
<b>Qmin</b>	<b>1/h</b>	30	15	50	25	70	35	100	200	450	90
<b>Qt</b>	<b>1/h</b>	120	22.5	200	37.5	280	52.5	400	800	3,000	225
<b>Qn</b>	<b>m³/h</b>	1.5		2.5		3.5		5	10	15	
<b>Qmax</b>	<b>m³/h</b>	3		5		7		10	20	30	
<b>Starting flowrate</b>	<b>1/h</b>	10		10		22		22	35	50	
<b>Max Reading</b>	<b>m³</b>	100,000		100,000		100,000		100,000	1,000,000	1,000,000	
<b>Min Reading</b>	<b>1</b>	0.05		0.05		0.05		0.05	0.05	0.05	
<b>Working pressure</b>	<b>bar</b>	16		16		16		16	16	16	
	<b>MPa</b>	1.6		1.6		1.6		1.6	1.6	1.6	
<b>Length without tail pieces</b>	<b>mm</b>	130-145-160-165-170		160-190		260		260	300	300	
<b>Length with tail pieces</b>	<b>mm</b>	210-225-240-245-250		258-288		378		378	438	461*(Flange 300)	
<b>ECC homologation Nr</b>		NL 83 E 74	B 89 317.01	NL 83 E 74	B 89 317.02	NL 83 E 75	B 89 317.03	NL 83 E 75	NL 83 E 75	NL 89 E 102	101 06.01.043

\*The 2" version can be supplied in either flanged or threaded version (total length with tail pieces 461 mm).

The **DS TBR** and **DS TBR C** meters can be supplied either with special "double reed" impulse emitter or "pre-set" for a future activation of the emitter it self (see special leaflet).Furthermore a version with the outlet machined for the insertion of a non return valve to protect the meter and piping from eventual backflows is available. When constructed with specific materials **DS TBR** can be used with hot water up to 90°C.



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