

DS S/D MTW-001

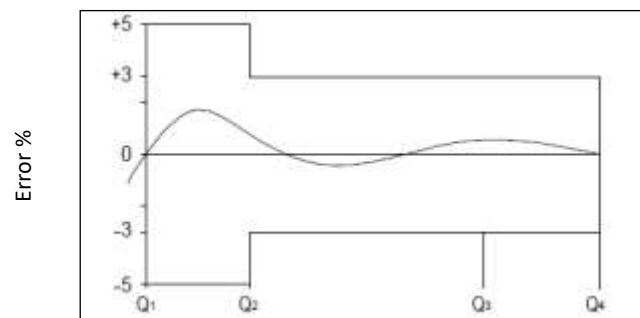
FEATURES

Multi-jet super dry water meter, magnetic drive

- Suitable for domestic hot water
- Maximum operating temperature: 90 °C
- Certified to Directive 2004/22/EC (Annex MI-001)
- Environmental class B, accuracy class 3 (EN 1434)
- Brass body
- Nominal pressure: PN16
- Available in a version ready for retrofitting a reed switch pulser
- Rotatable dial for easy reading
- Inlet strainer
- Hard metal bearings
- Wear and corrosion resistant materials
- Horizontal or vertical installation
- Hydraulic tests are carried out at three flow rates (Q_1 , Q_2 , Q_3) on 100% of the production. Our testing benches comply with standard ISO 4064/3 and ISO 4185 and are approved by a European notified body

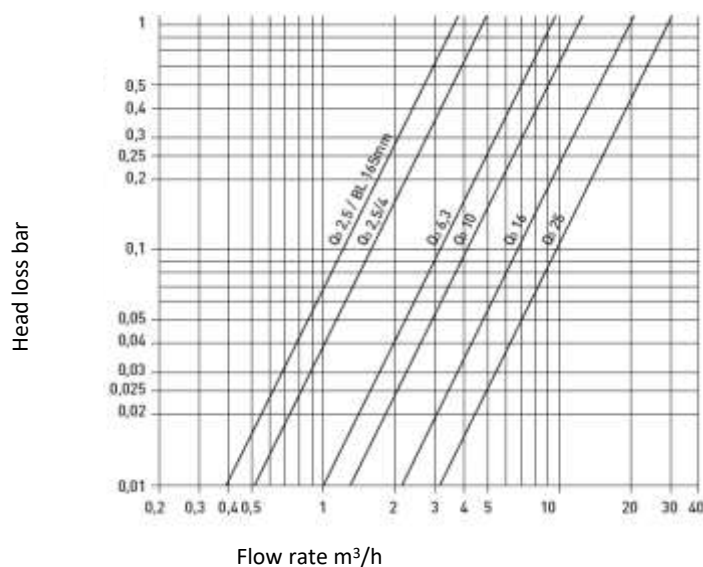


TYPICAL ERROR CURVE



Flow rate m³/h

HEAD LOSS DIAGRAM



HYDRAULIC PERFORMANCE AND OVERALL DIMENSIONS

SIZE	mm	15	20	25	25	32	40	50	20	25	32	40	
Performance		Horizontal installation (MTW)							Vertical installation (MTW-VS/MTW-VF) *				
Q ₃	m³/h	2.5	4	6.3	10	10	16	25	4	6.3	10	16	
Q ₄	m³/h	3.125	5	7.875	12.5	12.5	20	31.25	5	7.875	12.5	20	
Q ₂	l/h	40	80	126	200	200	320	500	80	126	200	320	
Q ₁	l/h	25	50	78.75	125	125	200	312.5	50	78.75	125	200	
Metrological class MID R Q ₃ /Q ₁		R100	R80	R80	R80	R80	R80	R80	R80	R80	R80	R80	
Maximum operating temperature	°C	90							90				
Flow profile sensitivity classes		U0-D0							U0-D0				
Nominal pressure PN	bar	16							16				
Thread G...B	In.	3/4	1	1 1/4	1 1/4	1 1/2	2	2 3/8	1	1 1/4	1 1/2	2	
Coupling thread R	n.	1/2	3/4	1	1	1 1/4	1 1/2	2	3/4	1	1 1/4	1 1/2	
A Length without couplings	mm	165	220 (165/ 190)	260	260	260	300	300	105	150	150	200	
Length with couplings	mm	240	314	374	374	374	434	454	199	264	264	334	
B	mm	108	114	123	123	123	149	199	-	-	-	-	
C	mm	73	73	80	80	80	103	142	-	-	-	-	
D	mm	-	-	-	-	-	-	-	148	169	183	226	
E	mm	-	-	-	-	-	-	-	130	143	156	190	
F	mm	95	95	100	100	100	135	151	95	98	101	139	
G	mm	185	191	200	200	200	226	240	-	-	-	-	
Screws		-	4	4	4	4	4	4	-	-	-	-	
Weight without couplings	kg	1.7	2	2.6	2.6	2.7	5.1	5.7	-	-	-	-	
Weight without couplings MTW-VS	kg	-	-	-	-	-	-	-	1.9	2.2	2.2	5.6	
Weight without couplings MTW-VF	kg	-	-	-	-	-	-	-	2	3.4	3.6	6.9	
Weight with couplings	kg	2	2.3	3.1	3.1	3.4	6.2	7.3	-	-	-	-	
Weight with couplings MTW-VS	kg	-	-	-	-	-	-	-	2.2	2.7	2.9	6.7	
Weight with couplings MTW-VF	kg	-	-	-	-	-	-	-	2.3	3.9	4.3	8	
Pulse options	l/pulse		10							10			
Module B no.			CH-MI001-07005-05										
Module D no.			6030-00273										

*VS: uprising flow/VF: descending flow

