

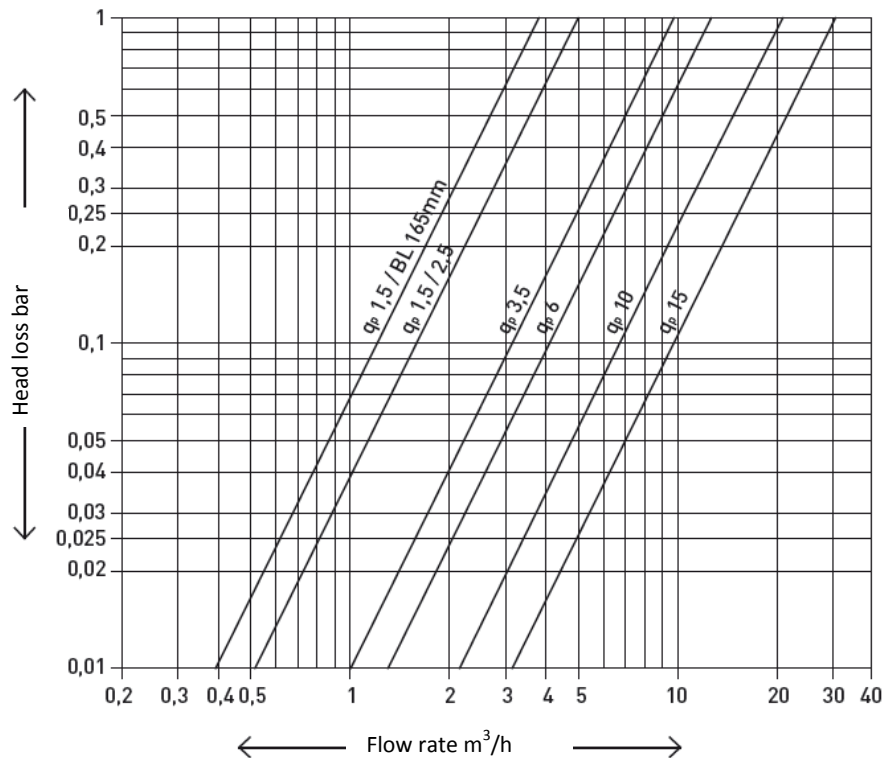
FEATURES

Multi-jet super dry water meter, magnetic drive

- Suitable for use in heating systems and for industrial applications
- Maximum operating temperature: 90 °C
- Certified to Directive 2004/22/EC (Annex MI-004)
- Environmental class B, accuracy class 3 (EN 1434)
- Brass body (flanged design) or cast iron body (threaded design)
- Complete with reed switch pulser
- Protective metal cover
- Rotatable dial for easy reading
- Inlet strainer
- Hard metal bearings
- Wear and corrosion resistant materials
- Nominal pressure: PN16 (threaded design) or PN25 (flanged design).
- Horizontal or vertical installation (flanged version: horizontal installation only)
- Hydraulic tests are carried out at three flow rates (q_v , q_p , q_s) 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



HEAD LOSS DIAGRAM



HYDRAULIC PERFORMANCE AND OVERALL DIMENSIONS

SIZE	mm	15	20	25	25	32	40	50	20	20	25	32	40
Performance		Horizontal installation (MTW)							Vertical installation (MTW-VS/MTW-VF)*				
qp	m ³ /h	1.5	2.5	3.5	6	6	10	15	1.5	2.5	3.5	6	10
qs	m ³ /h	3	5	7	12	12	20	30	3	5	7	12	20
qi	l/h	30	50	70	120	120	200	300	30	50	70	120	200
qi/qp		1:50							1:50				
Maximum operating temperature	°C	90							90				
Nominal pressure PN	bar	16							16				
Nominal pressure PN (flanged design)	bar	-	25	25	25	25	25	25	-	-	-	-	-
Flow profile sensitivity classes		U0-D0							U0-D0				
Thread G...B	in	¾	1	1 ¼	1 ¼	1 ½	2	2 ⅝	1	1	1 ¼	1 ½	2
Coupling thread R	in	½	¾	1	1	1 ¼	1 ½	2	¾	¾	1	1 ¼	1 ½
A	mm	165	220 (165/ 190)	260	260	260	300	300	105	105	150	150	200
Length without couplings	mm	240	314	374	374	374	434	454	199	199	264	264	334
B	mm	121	127	137	137	137	163	177	-	-	-	-	-
C	mm	78	87	94	94	94	117	120	-	-	-	-	-
D	mm	-	-	-	-	-	-	-	148	148	169	183	226
E	mm	-	-	-	-	-	-	-	130	130	143	156	190
F	mm	95	95	100	100	100	135	151	95	95	98	101	139
Length with flanges	mm	-	190	260	260	260	300	300 (270)	-	-	-	-	-
H Height with flanges	mm	-	134	146	146	156	186	198	-	-	-	-	-
Flange outer diameter	mm	-	105	115	115	140	150	165	-	-	-	-	-
Screws		-	4	4	4	4	4	4	-	-	-	-	-
Weight without couplings	kg	1.8	2.1	2.7	2.7	2.8	5.2	5.8	-	-	-	-	-
Weight without couplings MTW-VS	kg	-	-	-	-	-	-	-	2	2	2.3	2.3	5.7
Weight without couplings MTW-VF	kg	-	-	-	-	-	-	-	2.1	2.1	3.5	3.7	7
Weight with couplings	kg	2.1	2.4	3.2	3.2	3.5	6.3	7.4	-	-	-	-	-
Weight with couplings MTW-VS	kg	-	-	-	-	-	-	-	2.3	2.3	2.8	3	6.8
Weight with couplings MTW-VF	kg	-	-	-	-	-	-	-	2.4	2.4	4	4.4	8.1
Weight with flanges	kg	-	3.8	5	5	5	9.8	10.4	-	-	-	-	-
Pulse options	l/pulse	10							10				
Module B no.		CH-MI004-07004-00											
Module D no.		511-00572											

*VS: uprising flow/VF: descending flow

