

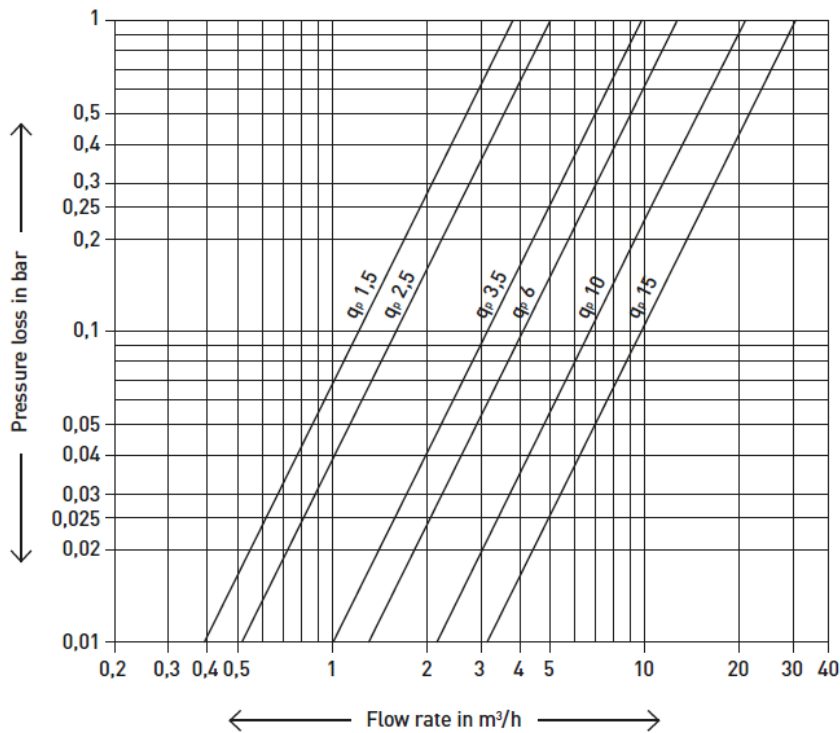


FEATURES

Multi-jet water meter, super dry dial, magnetic drive

- Ideally suited for use in heating systems and for industrial applications
- Maximum operating temperature: 130 °C
- Brass body (flanged design) or cast iron body (threaded design)
- Comes with a 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)
- Certified to Directive 2004/22/EC (Annex MI-004)
- Environmental class B, accuracy class 3 (EN 1434)
- Hydraulic tests are carried out at three flow rates (q_i , 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



HYDRAULIC PERFORMANCE AND DIMENSIONS

Performance	mm	Horizontal installation (MTH)							Vertical installation (MTH-VS/MTH-VF)*			
		15	20	25	25	32	40	50	20	25	32	40
SIZE												
q _p	m ³ /h	1.5	2.5	3.5	6	6	10	15	2.5	3.5	6	10
q _s	m ³ /h	3	5	7	12	12	20	30	5	7	12	20
q _i	l/h	60	50	70	120	120	200	300	50	70	120	200
q _i /q _p		1:25	1:50						1:50			
Maximum operating temperature	°C	130							130			
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 ¾	1	1 ¼	1 ½	2
Coupling thread R	in.	½	¾	1	1	1 ¼	1 ½	2	¾	1	1 ¼	1 ½
A Length without couplings	mm	165	220 (190)	260	260	260	300	300	105	150	150	200
Length with couplings	mm	239	312	352	352	372	432	452	197	242	262	332
B	mm	127	133	143	143	143	169	183	-	-	-	-
C	mm	84	93	100	100	100	123	126	-	-	-	-
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
Length with flanges	mm	-	190	260	260	260	300	300 (270)	-	-	-	-
H Height with flanges	mm	-	140	152	152	162	192	204	-	-	-	-
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	5.3	5.8	-	-	-	-
Weight without couplings MTH-VS	kg	-	-	-	-	-	-	-	2.0	2.32.3	2.32.3	5.8
Weight without couplings MTH-VF	kg	-	-	-	-	-	-	-	2.1	3.5	3.7	7.1
Weight with couplings	kg	2.1	2.4	3.23.2	3.23.2	3.5	6.4	7.4	-	-	-	-
Weight with couplings MTH-VS	kg	-	-	-	-	-	-	-	2.32.3	2.8	3.0	6.9
Weight with couplings MTH-VF	kg	-	-	-	-	-	-	-	2.4	4.0	4.4	8.2
Weight with flanges	kg	-	3.8	5.0	5.0	5.0	9.9	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

