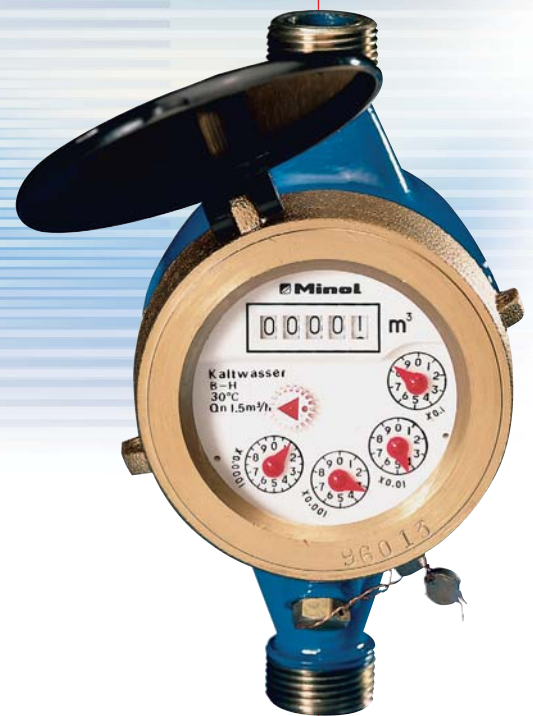




MINOMESS

Domestic Multi-Jet Water Meter



 **Minol**
International

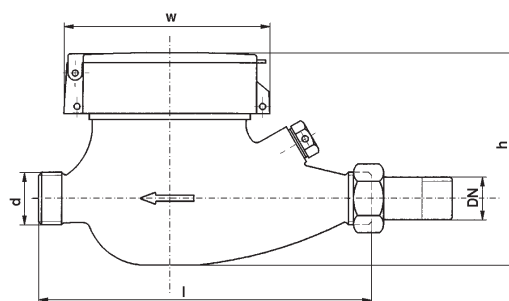
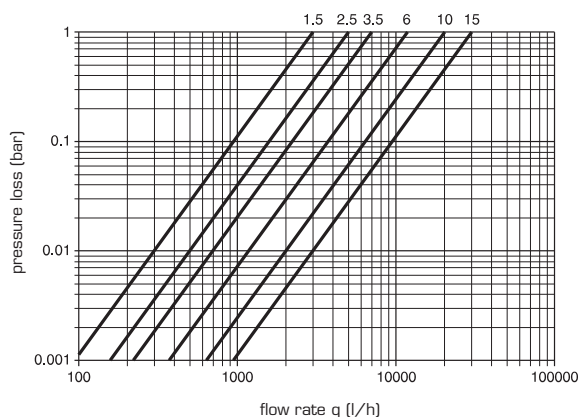
 WATER METER

 HEAT METER

 SYSTEM BUS

Domestic Water Meter

- multi-jet velocity meters
- for cold water up to 30 °C
- for warm water up to 90 °C
- for use in installations with horizontal pipe
- permanent flowrates 1.5 ... 15 m³/h
- overload flowrates 3 ... 30 m³/h
- easy readable roller indicator
- heavy duty brass body with threaded connectors ISO 228-B
- dry dial types with magnetic shielding incorporated
- dry dial types with sealed totalizer
- high accuracy and ultimate reliability
- metrological features according to ISO 4064-1 class B
- approvals in 16 countries



Technical Data

Domestic Water Meter						
nominal diameter DN	15	20	25	32	40	50
permanent flow rate ¹⁾ Q _n m ³ /h	1,5	2,5	3,5	6	10	15
overload flow rate ²⁾ Q _{max} m ³ /h	3	5	7	12	20	30
minimum flow rate Q _{min} m ³ /h	0.030	0.050	0.070	0.120	0.200	0.300
transitional flow rate Q _t m ³ /h	0.120	0.200	0.280	0.480	0.800	1.200
permissible indication error ³⁾ Q _t ... Q _s	± 2%	± 2%	± 2%	± 2%	± 2%	± 2%
permissible indication error ³⁾ Q _{min} ... Q _t	± 5%	± 5%	± 5%	± 5%	± 5%	± 5%
nominal working pressure bar	10	10	10	10	10	10
pressure loss at Q _n bar	0.25	0.25	0.25	0.25	0.25	0.25
pressure loss at Q _{max} bar	1	1	1	1	1	1
verification scale interval I	0.05	0.05	0.05	0.05	0.5	0.5
indication range m ³	99.999	99.999	99.999	99.999	99.999	99.999
max. temperature cold water	30°C	30°C	30°C	30°C	30°C	30°C
max. temperature warm water	90°C	90°C	90°C	90°C	90°C	90°C
connection thread ⁴⁾ G inch	G 3/4	G 1	G 1 1/4	G 1 1/2	G 2	G 2 1/2
nominal diameter ⁵⁾ DN mm	15	20	25	32	40	50
DN inch	1/2	3/4	1	1 1/4	1 1/2	2
height H mm	114	114	130	127	144	155
width W mm	98	98	100	103	126	135
length without coupling L mm	165	190	260	260	300	300
weight without coupling kg	1.8	2	1.9	3.6	5.4	5.6

¹⁾ according to ISO 4064-1 permanent flow rate is also meter designation Q_n
²⁾ overload flow rate is maximum flow rate allowed for short periods
³⁾ indication errors according to ISO 4064-1 Class B that must not be exceeded at initial verification
⁴⁾ Size of standard couplings and nominal diameter of connection pipe
⁵⁾ meters threads according to ISO 228-1