

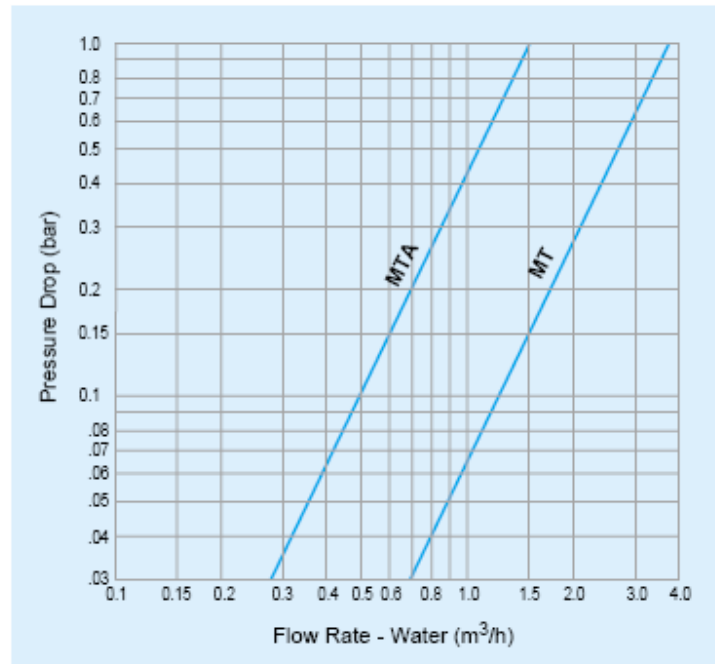


### TECHNICAL DATA

#### Specifications

- **Sizes:** 3/4" & 1"
- **Connections:** male threading, BSP, NPT
- **Pressure Rating:**  
ISO: PN 10  
ANSI: Class 125
- **Operating Pressure Range:**  
0.7-6 bar (10-90 psi)
- **Valve Category:**  
MT - Normal flow  
MTA - Low flow
- **Temperature Range:**  
water up to 80°C (180°F)
- **Accuracy of dosing:** 2% of the max scale value plus 4% of the set volume.  
(Meets requirement of ISO 7714 Class 3)
- **Materials:**  
Base, housing and gears: Plastic  
Shafts and springs: Stainless Steel  
Seals: EPDM and NBR

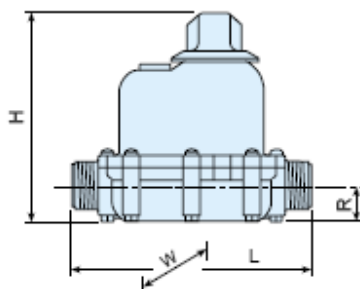
#### Flow Chart



#### Flow Rate and Dial Capacity

Valve Category	Size		Nominal Flow Rate (m³/h)	Flow Rate (m³/h)		Dial Capacity	Graduation (liters)
	3/4"	1"		Min	Max		
MT	•	•	3.0	0.5	5.0	100 Liter 1000 Liter 2000 Liter 4 - m³ 10 - m³ 20 - m³ 50 - m³	2.5 25 50 100 250 500 1000
MTA	•	•	1.5	0.1	2.0	50 Liter 500 Liter 2000 Liter 4 - m³ 8 - m³	1 10 50 100 200

#### Dimensions and Weights



Size (mm)	3/4"	1"
L	166	166
H	145	145
W	100	100
R	25	25
Weight (kg)	0.60	0.65