

ASM BRASS VOLUMETRIC ROTARY PISTON METER



APPLICATION

- Accurate measurement of volume of cold potable water consumption.
- Suitable for both domestic and small business applications.

FEATURES

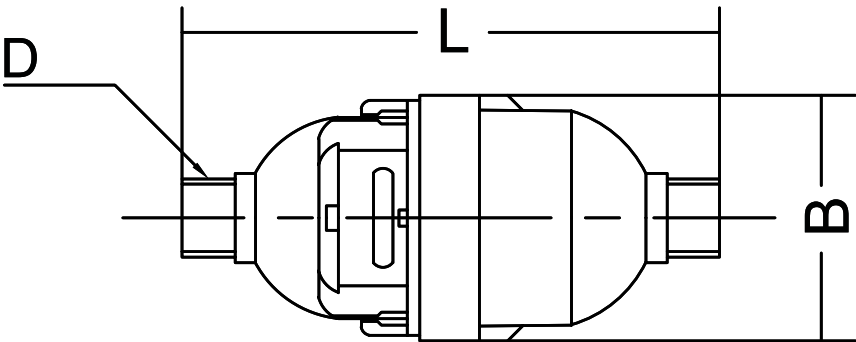
- Approved to SANS1529 -1: 2019 Class C specifications. (SA1508)
- Meter accuracy not affected by angle of installation.
- Approved for both horizontal and vertical installation.
- Pulse prepared.
- Clear, easily read, liquid filled 8-digit counter.
- Minimum reading 0,00002m³.
- Working temperature between 2°C and 40°C.
- Internal non-return valve and strainer.
- Working pressure 1600 kPa.
- Grooved piston for improved performance and reliability.
- Inlet and Outlet threads compatible with ISO metric sizes.
- Dezincification Resistant Brass body (DZR).
- 20mm meter has bowed strainer for increased mesh area.
- 20mm & 25mm meter have spring loaded non-return valve.
- Robust leak proof construction.
- No external calibration facility prevents tampering.

PERFORMANCE SPECIFICATIONS

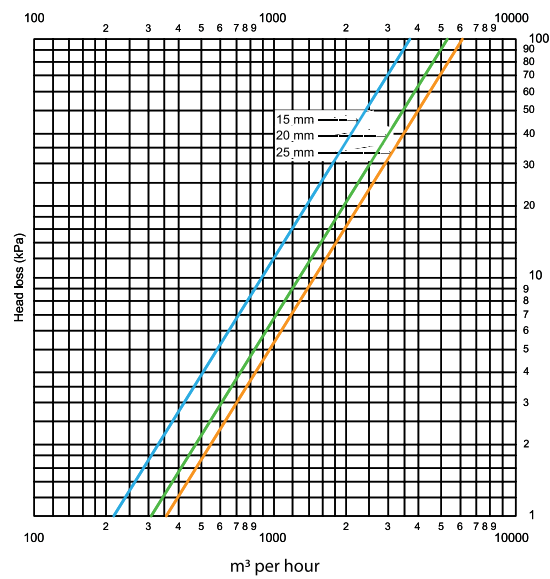
METER SIZE (mm)	15mm*	20mm*	25mm*
Maximum Flowrate $q_s \pm 2\%$ (m ³ /h)	3	5	7
Permanent Flowrate $q_p \pm 2\%$ (m ³ /h)	1.5	2.5	3.5
Transitional Flowrate $q_t \pm 2\%$ (ℓ/h)	22.5	37.5	52.5
Minimum Flowrate $q_{min} \pm 5\%$ (ℓ/h)	15	25	35
Maximum Working Pressure (kPa)	1600	1600	1600
Maximum Test Pressure (kPa)	4800	4800	4800
Pulse Output (ℓ)	0.5	0.5	5

DIMENSION TABLE

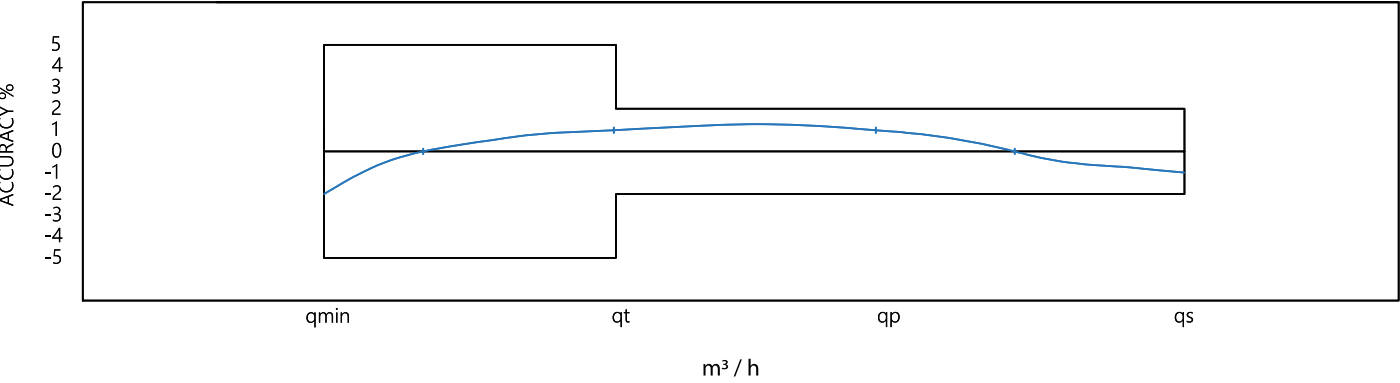
METER SIZE	15mm*	20mm*	25mm*
Meter length (B) (mm)	114	165	198
Meter diameter (W) (mm)	86	86	104
Connection thread (D) (mm)	20 BSP	25 BSP	32 BSP
Meter Weight (± kg)	0.86	1	1.6

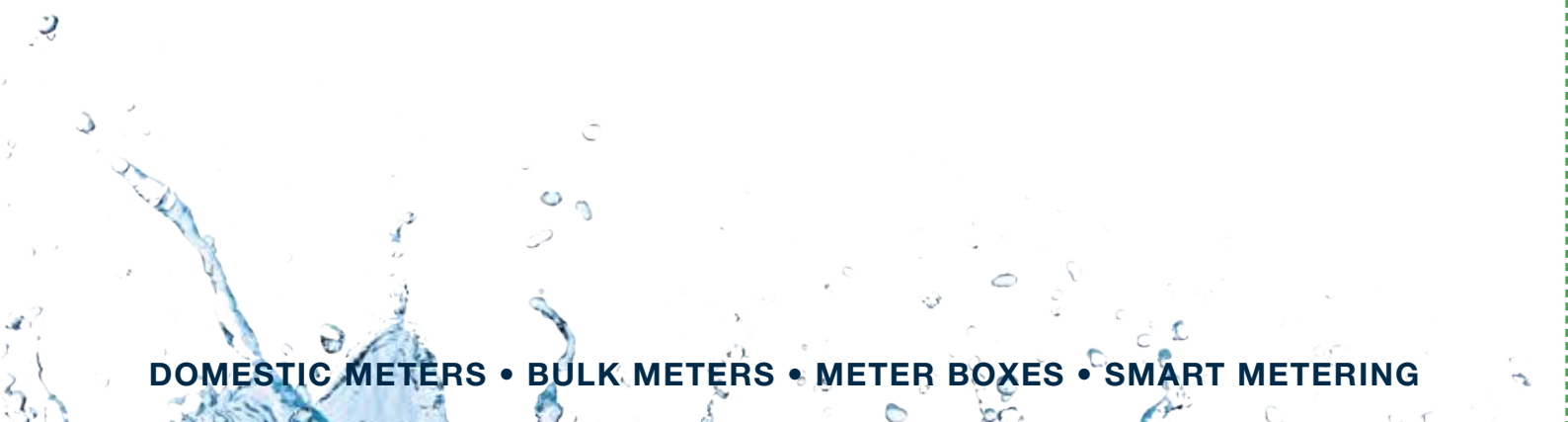


HEAD LOSS CURVE



TYPICAL ERROR CURVE



A dynamic splash of water with numerous droplets and bubbles, rendered in shades of blue and white, occupies the bottom third of the page. It appears to be a high-speed photograph of water being thrown or falling.

DOMESTIC METERS • BULK METERS • METER BOXES • SMART METERING