

# BAYLAN

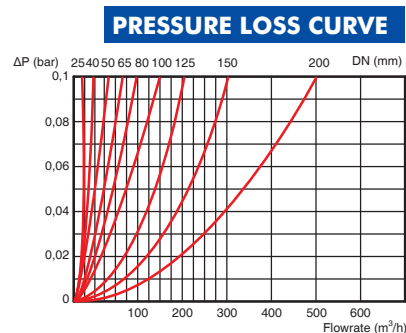
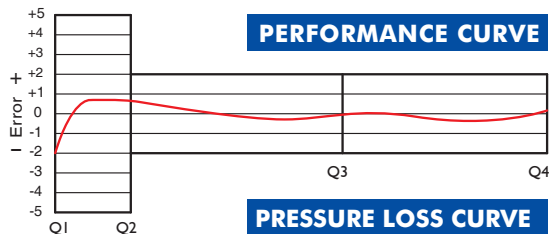
## WATER METERS

### Ultrasonic Prepaid Water Meters



#### GENERAL

- MID Certified • Very good sensitivity in initial starting • Suitable for potable water
- Cash in advance payment
- Easy analysis of water consumption by rich reports on PC
- Suitable for irrigation water purposes
- No measurement of air
- Suitable for cold water up to 50°C
- Reverse flow detection • Parametric 2 pulse outputs
- Can be mounted all positions desired
- IP 68 protection class • 3 years of warranty
- Lithium battery, 10 years lifetime
- Due to the lack of moving parts, high measurement accuracy
- Calibration is done inside the electronic circuit digitally by software parameters, which is not possible to modify externally
- Via the LCD display providing access to meter data for Billing and check out



#### MAIN TECHNICAL DATA

At low flows :  $\pm 5\%$  (error) between minimum flow rate ( $Q_1$ ) and transitional flow rate ( $Q_2$ )  
 At high flows :  $\pm 2\%$  (error) between transitional flow rate ( $Q_2$ ) and overload flow rate ( $Q_4$ )  
 Max. Working Temperature : 50°C  
 Max. Working Pressure : 16 bar

METER SIZE DIA (mm)	TYPE	$Q_3 / Q_1$	Q4 MAX FLOW	Q3 NOMINAL FLOW	Q2 TRANSITIONAL FLOW	Q1 MIN. FLOW	SMALLEST READING RESOLUTION	MAX. REGISTRATION CAPACITY
			m <sup>3</sup> /h					
25	U 3	$\leq 500$	7,875	6,3	0,020	0,0126	0,00001	999999
40	U 5	$\leq 500$	20	16	0,0512	0,032	0,00001	999999
50	UW 6	$\leq 400$	31,25	25	0,100	0,063	0,00001	99999999
65	UW 0	$\leq 400$	50	40	0,160	0,100	0,00001	99999999
80	UW 1	$\leq 400$	78,75	63	0,252	0,158	0,00001	99999999
100	UW 2	$\leq 400$	125	100	0,400	0,250	0,00001	99999999
125	UW 3	$\leq 400$	200	160	0,640	0,400	0,00001	99999999
150	UW 4	$\leq 400$	312,5	250	1,000	0,625	0,00001	99999999
200	UW 5	$\leq 400$	500	400	1,600	1,000	0,00001	99999999

#### DIMENSIONS & WEIGHTS

METER SIZE DIA (mm)	L LENGTH	B WIDTH	H HEIGHT	CONNECTING FLANGE			PACKAGE WEIGHT (Without Flange) (kg)	PACKAGE WEIGHT (With Flange) (kg)
				D2 (mm) FLANGE DIA	D1 (mm) FLANGE HOLE CENTER	CONNECTION BOLT (PCS-DIA)		
25	265	113	155	G1 1/4 B	-	-	2,31	2,75
40	415	120	238	G2 B	-	-	10,00	11,00
50	410	165	275	165	125	4 - M16	25,8	30,3
65	475	185	315	185	145	4 - M16	35,4	40,6
80	505	205	315	200	160	8 - M16	45,65	52,25
100	570	220	345	220	180	8 - M16	57,05	64,3
125	670	300	430	250	210	8 - M16	116,8	127,5
150	720	380	445	285	240	8 - M20	127,4	139,9
200	850	370	530	340	295	8 - M20	209	227

"Due to continuous development of our products, we reserve the right to modify our product design or construction without prior notice."