

HP5D

Bulk Water Meter - Woltman Meter



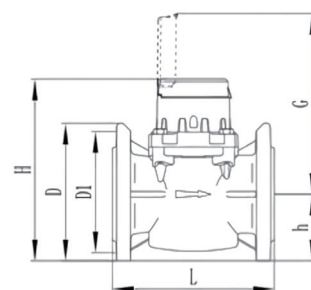
FEATURES

- DN 40 to 300
- High-precision and Wide- range , dynamic range up to R 200
- Wear resistance and long working life
- Easy to install anti-interference
- Low pressure loss and low power consumption

GENERAL INFORMATION

HP5D Bulk Water Meter - Woltman Meter			
Temperature range	°C	0.1 ... +50	
Operating temperature		-5 ... +55	
Storage temperature		-5 ... +55 (>35 °C max. 4 weeks)	
Environmental class		O (Outdoors)	
Meter body material		Cast Iron QT450	
Nominal pressure	MAP	bar	16
Communication Module		NB-IoT - RS485 - Pulse output	

DIMENSION



TECHNICAL DATA

Nominal Diameter	DN	mm	40	50	65	80	100	150	200	250	300
Permanent flow rate	Q ₃	m ³ /h	63	63	63	100	160	250	400	1000	1600
Minimum flow rate	Q ₁	m ³ /h	0.315	0.315	0.315	0.5	0.8	1.25	2	5	8
Dynamic (Q ₃ /Q ₁)	R		200	200	200	200	200	200	200	200	200
Overload flow rate	Q ₄	m ³ /h	79	78.75	78.75	125	200	312.5	500	1250	2000
Transitional flow rate	Q ₂	m ³ /h	0.504	0.504	0.504	0.8	1.28	2	3.2	8	12.8
Max. Pressure Loss		bar	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Overall length	L	mm	245	200	200	225	250	300	350	450	500
Flange Connection		mm	165	165	185	200	220	285	340	405	460
Height	H	mm	220	220	220	247	259	335	387	438	465