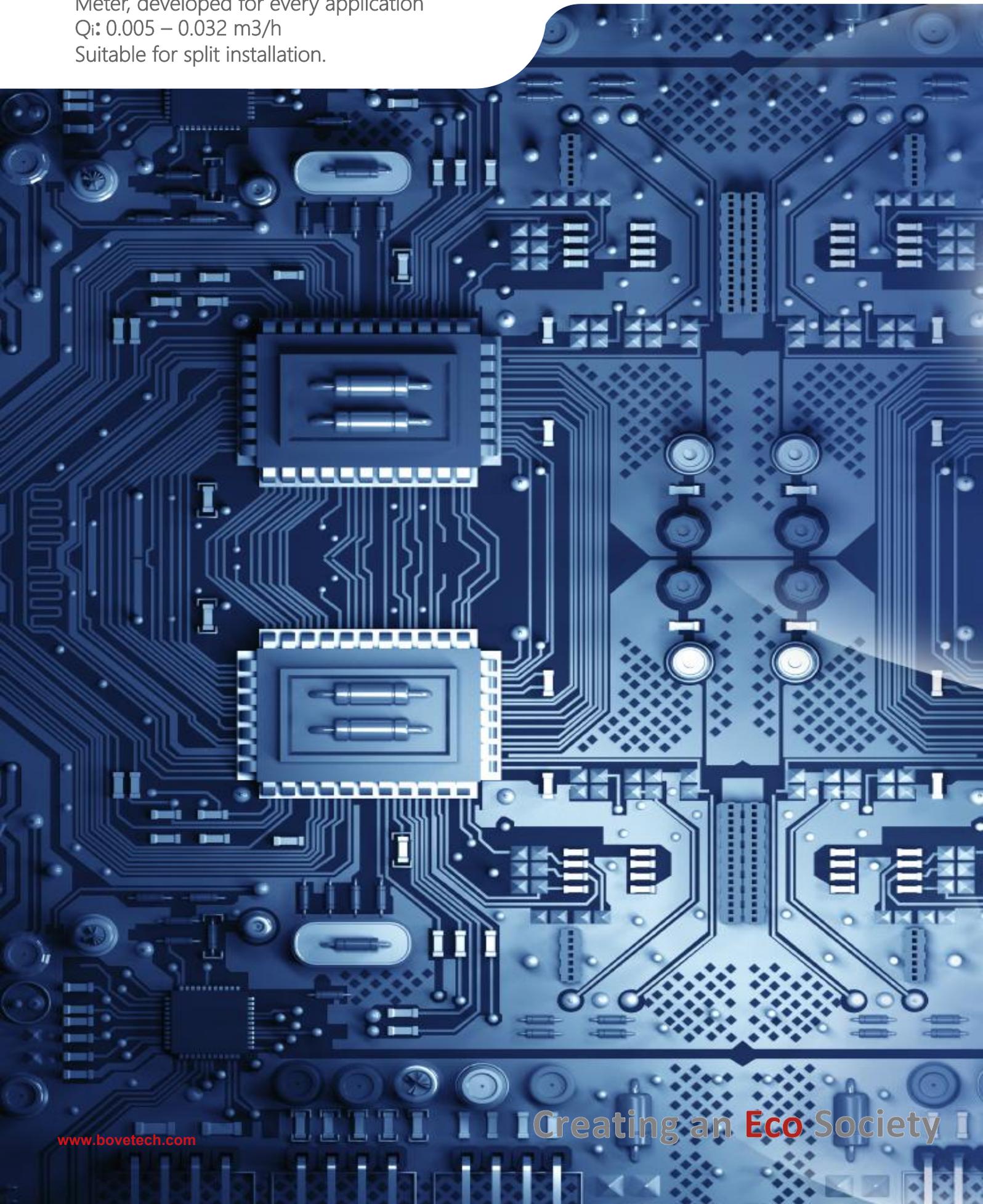


B9 VW Series

The high-precision Ultrasonic Water Meter, developed for every application
Q: 0.005 – 0.032 m³/h
Suitable for split installation.





DESCRIPTION

B9 VW launched by BOVE combines years experience in metering research and development, adopting state-of-the-art technology and sophisticated production. It has been proven that B9 VW is reliable and absolute matured achievement in high accuracy measurement.

In addition, the special compact design does completely assure the quality of water-proof protection. The accuracy is guaranteed even if it is installed under water in a long time. Moreover, the core engineering concept of B9 VW aims at cutting down the budget on overall operating costs from remote meter readings.

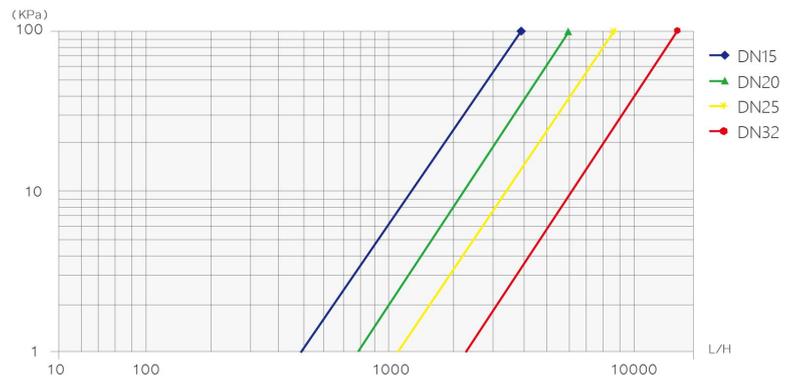
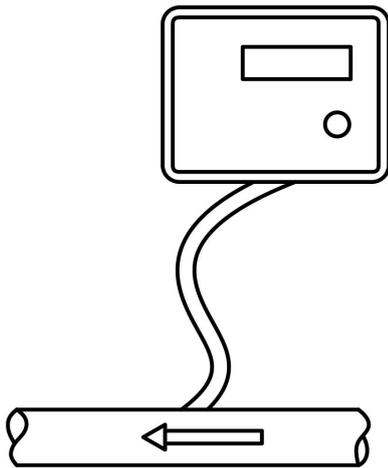
FEATURES

- Split Installation: calculator display and flow sensor can be installed separately for easier LCD eye reading
- Low starting rate (4L/h), able to accurately measure flow rate as low as 0.005m³/h
- Dynamic range (Q₃/Q₁) achieved 500:1 (better than Class D)
- No mechanical moving parts, no abrasives and has a long serving life
- Leak detection
- Pinpoint measuring accuracy
- No measurement of air
- Mounting in any installation position
- Support photoelectric, RS485 (Modbus) and M-Bus (EN1434) output interfaces and provides Radio Frequency and remote meter data reading functions for concentrated management
- Displaying of error and alarm codes
- Optional battery provision
- Suitable for outdoor installation

TECHNICAL SPECIFICATION

Model	B9 VW-15	B9 VW-20	B9 VW-25	B9 VW-32	B9 VW-40
Pipe Diameter	DN15	DN20	DN25	DN32	DN40
Q ₁ (m ³ /h) _{@R500}	0.005	0.008	0.0126	0.02	0.032
Q ₂ (m ³ /h)	0.008	0.0128	0.02016	0.032	0.0512
Q ₃ (m ³ /h)	2.5	4.0	6.3	10	16
Connection	G3/4'	G1'	G1 1/4'	G1 1/2'	G2'
Length (mm)	165	195	225	180	200
Width (mm)	75	75	75	75	75
Height (mm)	89	94	104	114	119
Temperature	<ul style="list-style-type: none"> ● Medium Range: 0.1°C.....30/50°C (T30/T50) ● Ambient temperature: 5~55 °C ● Storage temperature: -20~60 °C 				
Metrological Class	Class 2, R160/ R200/ R250/ R400/ R500				
Maximum Operation Pressure	1.6 Mpa				
Pressure Loss	ΔP≤40kPa				
Pressure Stage	PN16				
Stream Field Sensitivity	U5/ D3				
Protection Class	IP68				
Battery(Optional)	6/ 10/ 16 years service life				
Data Storage	24/ 120 logs, daily/ weekly/ monthly.				
Environmental Requirement	Environmental Class: E1, M1, B				
Interface & Communication(Optional)	<ul style="list-style-type: none"> ● M-Bus ● RS485 	<ul style="list-style-type: none"> ● Optical port ● LPWAN (LoRaWAN, NB-IOT, Sigfox) 	<ul style="list-style-type: none"> ● Pulse output 		
Installation	360 degree				
Display and Indication	<ul style="list-style-type: none"> ● Unit: L/ m³/ Gal (Optional) ● LCD: 8-digit 				
Standard Compliance	<ul style="list-style-type: none"> ● EN14154 ● OIML R49 ● ISO4064 				

B9 VW Ultrasonic Water Meter Pressure Loss



WHY CHOOSE Bove Technology.....

When it comes to water flow measurement, Bove is the one of the most excellence. And we want to explain why you should trust us when we say that choosing a Bove products equals choosing reliability.

In our manufacturing plant, you will find a dedicated research and development team that gives us the ability to face your local needs and challenges head-on – regardless of size or requirements. And thanks to our in-house laboratories and highly-skilled engineers, we can develop innovative and user-friendly products faster than ever. A manufacturing capacity reaching millions of units in our plant ensuring on-time delivery, and meanwhile Bove ensures the highest level of quality and reliability through standards such as ISO 9001 and ISO 14001.....

Corporate Profile

Bove provides comprehensive solutions on flow metering and control to over 30 countries in the globe. We design and manufacture range of flow metering solutions and IOT (internet of things) consumer products, which includes high accuracy water meter, thermal energy meter, testing bench, smart tap, smart communication softwares for residential, commercial and industrial sectors. Since 2009 Bove has always been moving on the edge of technology to deliver state of the art products and solutions to customers all around the world.

A couple of our engineers are dedicated in metering and Communication industry for over 10 years, core team are previously working in Huawei, Baidu, IBM, and CitiGroup, etc. With these talents Bove are able to provide prompt services and reliable products to our global customers. Bove is committed to address the unique challenges that the residential and industry are facing, including increasing customer demand, water scarcity, and environment conservation. With hope, honor and our hard and quality work, we are looking to future to make Bove one of the best brands in metering industry in the world.

Our Mission

To exceed our customers expectation by providing prompt, quality and reliable technology.

Creating an Eco Society

