

BWS Type II: Granular

The CentriFlow® BWS Meter is constructed similarly to the Type II Standard Meter in that the meter is contained within an enclosure. The meter is perfect for measuring a variety of granular products such as grains, beans or pellets. Typically installed after feed devices such as rotary airlocks, screw conveyors or bucket elevators, the BWS can also be directly mounted inline into pipes or chutes that are transporting product via gravity. The BWS is designed with simplicity in mind, thus ensuring that the meter is simple and easy to use. The streamlined design allows for a lower price point than the standard CentriFlow Meter with its wide array of options and features. Featuring several options for flow surfaces, including Stainless Steel and ceramic tile lined flow surfaces for high wear applications, the BWS is perfect for measuring any granular, free-flowing solid.



Design Specification

- Easy to use lifting locations are located around the perimeter of the top surface of the meter's enclosure to assist with positioning the meter during installation.
- A Companion Flange is supplied for the inlet of the BWS. This flange mates to the bolt hole pattern located on the top of the BWS for simple and easy installation.
- The companion flange is designed with a standard 150# flange pattern.
- The BWS' electronics are mounted directly to the rear of the BWS and feature a 4" color touch screen HMI. The electronics allows for push button calibration as well as a variety of other functions.
- The standard outputs for the BWS include:
 - 4-20 mA Output equivalent to flow
 - Totalizing Pulse Output

Material Specification

- Standard meter parts (other than product contact surfaces) are constructed of 6061 aluminum or Stainless Steel.
- Standard product contact surfaces (parts within the product flow path) are constructed of Stainless Steel.
- Type II enclosure as well as the rear access panel is constructed of painted Carbon Steel.
- Alumina Ceramic Tiled flow surfaces are also available for improving wear resistance against very abrasive materials such as sand or soybeans.

Volumetric Capacity of the CentriFlow® Meter for the Type II BWS Meter ft³/min (m³/hr)

Meter Size	Min	Max
BWS-06	1.69 (2.87)	10.13 (17.20)
BWS-12	3.75 (6.37)	22.50 (38.23)
BWS-24	7.50 (12.74)	45.00 (76.46)
BWS-36	11.25 (19.11)	67.50 (114.68)
BWS-48	15.00 (25.49)	90.00 (152.91)

