

***Bematek's New Patented  
Multi-Shear Mixing Head  
for the Bematek Z-Series High-Shear In-Line Mixer***



*Standard Rotor/Stator  
Combination for a  
6-Zone Mixing Head*

**FEATURES:**

A series of removable rotors and stators that create an energy-efficient mixing head containing from 1 to 12 shear-action zones. Also, different styles of rotors and stators can be used to independently modify the shear rate in each individual shear zone.

This **NEW Modular Construction Design™**, which allows rapid access to the internal components, provides quick cleaning of the mixing head and easy modification of the total shear energy applied to the product.

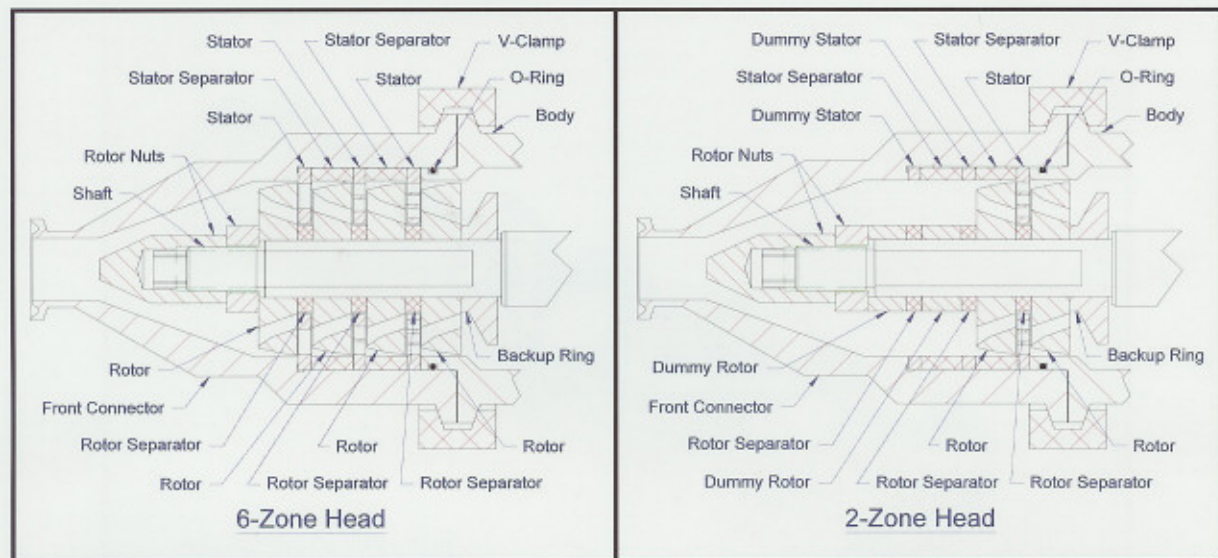
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**FLEXIBLE HEAD ASSEMBLY**  
for Precise Mixing Control!

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**CROSS-SECTIONAL DRAWINGS DEPICT:**

Bematek's **NEW Modular Construction Design™** with a **FLEXIBLE** mixing head assembly is designed for fast and easy rotor/stator interchangeability and simple changeover for 1 to 12 shear zone configurations.

The left-hand drawing shows a 6-zone mixing head, while the right-hand drawing shows a 2-zone mixing head that has two rotors and two stators replaced by dummy components.

This design allows the total amount of work applied to the product to be precisely controlled from extreme **high-shear** mixing to ultra **low-shear** blending, making this equipment ideal for any in-line mixing application.