



| Model Number | Dimensions (in.) |        |        |    |       |       |        | Est. Wt. (lb) | Motor (typ. hp) | Flow Rate* (typ. gpm) | Inlet/Outlet (in.) |
|--------------|------------------|--------|--------|----|-------|-------|--------|---------------|-----------------|-----------------------|--------------------|
|              | A                | B      | C      | D  | E     | F     | G      |               |                 |                       |                    |
| LZ-250-PB-6  | 13               | 21     | 12 1/4 | 26 | 3 1/4 | 5     | 17 1/2 | 170           | 5               | 10/30                 | 1 1/2              |
| LZ-250-PB-12 | 13               | 21     | 14 3/8 | 26 | 3 1/4 | 5     | 17 1/2 | 250           | 10              | 10/30                 | 1 1/2              |
| LZ-400-PB-6  | 16               | 30 3/4 | 17     | 28 | 3 7/8 | 8 1/8 | 26 5/8 | 460           | 15              | 25/150                | 2 1/2              |
| LZ-400-PB-12 | 16               | 30 3/4 | 20 1/8 | 28 | 3 7/8 | 8 1/8 | 26 5/8 | 625           | 30              | 25/150                | 2 1/2              |

\* A positive infeed pressure can increase the throughput of the mixer by a factor of 2-3.  
[Specifications and Dimensions are subject to change without notice.]

#### Standard Features

- Patented multi-shear rotor/stator mixing elements
- Modular mixing chamber and mechanical seal
- Rotor speeds up to 10,000 fpm
- Factory-set rotor/stator gap and alignment
- Single or double mechanical seal, as needed
- 316L stainless steel wettables with Viton o-rings
- Sanitary clamp inlet/outlet connections
- Outlet rotates 360° to align with existing piping
- All stainless steel construction (motor optional)
- Precision-aligned, heavy-duty drive end

#### Options

- Alternative mixing element designs
- Alternative seal face materials
- Special corrosion-resistant wettables
- Hardened, long-life wear elements
- Electrical V-F drive for rotor speed control
- Flow control valves and/or gauges
- Stainless steel feed hopper
- Alternative base configurations
- Stainless steel casters with wheel and swivel lock
- Various spare parts/repair kits

**Z-Series Models** feature a multi-shear *Modular Mixing Head* with a series of *Patented Rotors and Stators* that can be configured for 1 to 12 shear zones. The ideal rotor/stator combination is determined by the specific application.