



| 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-150-PB-6  | 19 1/8           | 15 3/4 | 8 7/8  | 15 5/8 | 2 3/8 | 3 1/2 | 12 3/4 | 120           | 2               | 0/10                  | 1/2 or 3/4         |
| LZ-150-PB-12 | 19 1/8           | 15 3/4 | 10 1/2 | 15 5/8 | 2 3/8 | 3 1/2 | 12 3/4 | 150           | 3               | 0/10                  | 1/2 or 3/4         |

\* 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
- Bench-mountable base
- 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
- maximum 90 ml hold-up volume
- All stainless steel construction (motor optional)
- Precision-aligned, heavy-duty drive end

### Options

- Alternative mixing element designs
- Alternative seal face and o-ring 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
- Recirculation system
- Polished Surfaces
- 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.