**STANDARD FEATURES:**

- 40 through 300 HP.
- 230/460 volt, 60 Hz., three phase, explosion proof motors (see options for starters and controls).
- Tip speeds of 11,300 feet per minute.
- Heavy-duty shafts and bearings as well as extremely tight machining tolerances.
- X-Series or Quad Slot rotor/stator sets.
- Equipped with a cartridge type double mechanical seal and barrier system.
- Type 316 stainless steel wetted parts.
- NPT threaded connections on units through 10 HP. Larger units use standard ANSI flanges.
- All non-stainless steel external surfaces coated with a white two part epoxy paint.

**AVAILABLE OPTIONS:**

- Higher tip speeds up to 18,000 feet per minute can be obtained by using special inverter duty motors.
- Extra heavy duty bearings and forced oil cooling for continuous processing of high viscosity materials.
- Special motors including, inverter duty, wash-down and stainless steel as well as special voltages and frequencies are available.
- Special double mechanical or gas-purged seals available.
- Sanitary designs with special seals, polished components and sanitary connections available.
- Jacketed mixing chamber for heating or cooling.
- Portable carts mounted on casters are available in either carbon or stainless steel.
- Skid mounted recirculating systems including vessel, piping and valves.
- Controls such as inverters, motor starters, or explosion proof operators stations are available (voltage, frequency and type of enclosure must be specified).

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* * These models are available in belt-driven versions only, please refer to other side of this sheet.
**Dimensions and weights are based on lowest horsepower motor for each model. Consult factory for dimensions and weights of other horsepowers.

**Series 700 Direct-Driven Specifications and Dimensions**

**AVAILABLE OPTIONS:**

- Higher tip speeds up to 18,000 feet per minute can be obtained by using special inverter duty motors.
- Extra heavy duty bearings and forced oil cooling for continuous processing of high viscosity materials.
- Special motors including, inverter duty, wash-down and stainless steel as well as special voltages and frequencies are available.
- Special double mechanical or gas-purged seals available.
- Sanitary designs with special seals, polished components and sanitary connections available.
- Jacketed mixing chamber for heating or cooling.
- Portable carts mounted on casters are available in either carbon or stainless steel.
- Skid mounted recirculating systems including vessel, piping and valves.
- Controls such as inverters, motor starters, or explosion proof operators stations are available (voltage, frequency and type of enclosure must be specified).
**Dimensions and weights are based on lowest horsepower motor for each model. Consult factory for dimensions and weights of other horsepower. HSM 700B SS-00**

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**STANDARD FEATURES:**
- 10 through 300 HP.
- 230/460 volt, 60 Hz., three phase, explosion proof motors (see below for starters and controls).
- Tip speeds of 11,300 feet per minute.
- Heavy-duty shafts and bearings as well as extremely tight machining tolerances.
- X-Series or Quad Slot rotor/stator sets.
- Equipped with a cartridge type double mechanical seal and barrier system.
- Type 316 stainless steel wetted parts.
- NPT threaded connections on units through 10 HP. Larger units use standard ANSI flanges.
- All non-stainless steel external surfaces coated with a white two part epoxy paint.

**AVAILABLE OPTIONS:**
- Higher tip speeds up to 18,000 feet per minute can be obtained either by changing the ratio of the pulleys, or by using special inverter duty motors.
- Lower speeds and greater torque can be provided by changing the ratio of the pulleys for very high viscosity applications.
- Extra heavy duty bearings and forced oil cooling for continuous processing of high viscosity materials.
- Special motors including, inverter duty, wash-down and stainless steel as well as special voltages and frequencies are available.
- Special double mechanical or gas-purged seals available.
- Sanitary designs with special seals, polished components and sanitary connections available.
- Jacketed mixing chamber for heating or cooling.
- Portable carts mounted on casters are available in either carbon or stainless steel.
- Skid mounted recirculating systems including vessel, piping and valves.
- Controls such as inverters, motor starters, or explosion proof operators stations are available (voltage, frequency and type of enclosure must be specified).

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