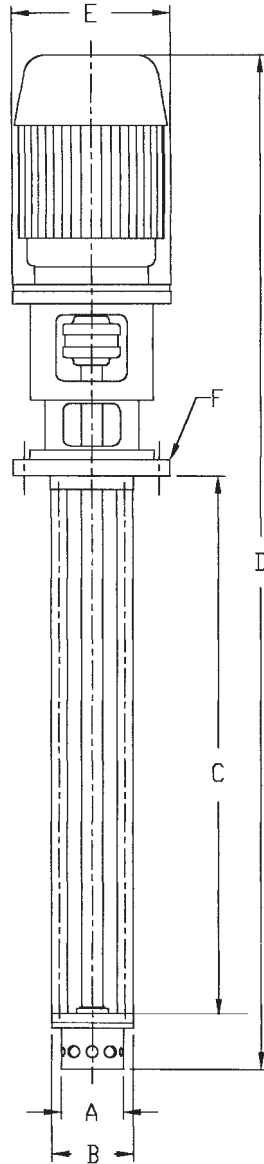


Series 500 Specifications and Dimensions

STANDARD FEATURES:

- 1-1/2 through 200 HP.
- 230/460 volt, 60 Hz. explosion proof motors (see options for starters and controls).
- Designed to bolt to a standard ANSI flange.
- Equipped with a single mechanical seal rated for vacuum applications (see options for special seals).
- Standard, single-stage Rotor/Stator supplied with either disintegrating, slotted, square hole or fine screen stator head.
- Type 316 stainless steel wetted parts.
- All non-stainless steel external surfaces coated with a white two part epoxy paint.
- Bronze shaft support bushing.



AVAILABLE OPTIONS:

- Special motors including, inverter duty, wash-down and stainless steel as well as special voltages and frequencies.
- Special single and double mechanical seals for vacuum and/or pressure applications.
- Mobile hydraulic lifts in either carbon or stainless steel can be used with models through 10 HP.
- Air/oil floor mounted hydraulic lifts are available for all sizes.
- Glass filled or solid Teflon bushings or Stellite bushing and shaft sleeve (for abrasive applications).
- Shaft mounted down-thrust or circulation propellers to enhance circulation of material in a vessel.
- Controls such as inverters, motor starters, or explosion proof operators stations are available (voltage, frequency and type of enclosure must be specified).
- SLIM System for incorporating powders directly into the high shear zone.
- Custom built atmospheric or pressure/vacuum-rated vessels can be supplied for use with series 500 units.

Model Series 500	STD HP	RPM	A Rotor Dia.		B Lower Flange Dia.		C Shaft Length		D O.A. Height		E Upper Flange Dia.		F Mounting Flange	Weight Lbs.	Weight Kgs.
			"	mm	"	mm	"	mm	"	mm	"	mm	Nom.Dia."		
501	1 1/2	3600	2 1/2	64	3 7/8	98	23	584	45 3/4	1162	11	279	4	90	41
505	5	3600	3 1/2	89	5 3/4	146	31	787	57 7/8	1469	11	279	6	160	73
510	10	3600	4	102	5 3/4	146	42	1057	72 3/8	1839	11	279	6	370	168
525	25	3600	4 1/2	114	7 1/2	190	52	1321	89 5/8	2276	14	356	8	660	300
530	30	1800	7	178	9 7/8	251	54	1372	97 1/2	2477	14	356	10	1150	523
550	50	1200	11	279	14	356	64 1/2	1638	119	3023	18	457	16	1350	614
575	75	1200	12 1/2	318	15 1/2	394	78 1/2	1994	133	3378	22	559	18	1800	818
5100	100	1200	13	330	17	432	102 3/4	2610	162	4115	24	610	20	2100	955

HSM 500 SS-00