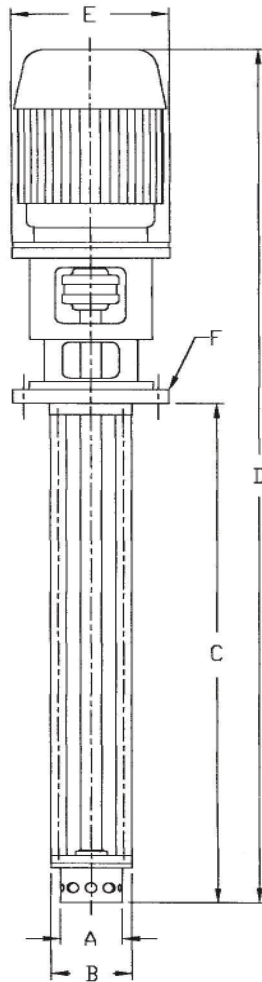


500 Series Specifications and Dimensions

STANDARD FEATURES:

- 1.5 HP through 200 HP
- Driven by an explosion proof (Class 1, Group D), 230/460 V, 3 ph, 60 Hz, inverter duty motor
- Designed to bolt to a standard ANSI flange
- Equipped with a single mechanical seal rated for vacuum operation
- Standard single stage rotor/stator supplied with either disintegrating, slotted, square hole or fine screen stator head
- Stainless steel type 316 wetted parts
- All non-stainless steel external surfaces coated with a white two-part epoxy paint
- Teflon rotor shaft bushing



AVAILABLE OPTIONS:

- Special single and double mechanical seals for vacuum and/or pressure applications
- Washdown and stainless steel motors, as well as special voltages and frequencies
- Variable frequency drive, explosion proof operator station or PLC recipe controls
- Air/oil hydraulic lift option
- Mobile hydraulic lift option offered on models up to 10 HP; choice of carbon steel or stainless steel mobile lift with casters
- Downthrust or circulation propellers
- Bronze, glass-filled Teflon or Stellite bushing
- Custom shaft length
- Solids/Liquid Injection Manifold (SLIM) System for incorporating powders sub-surface, directly into the high shear zone
- Mix vessel built to customer specifications and requirements

Model	Standard HP	RPM	Rotor Diameter (A)		Lower Flange Diameter (B)		Shaft Length (C)		Overall Height (D)		Upper Flange Diameter (E)		Mounting Flange Nominal Diameter (F)		Weight	
			in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	lbs	kg
501	1.5	3,600	2.5	64	7.875	98	23	584	48.25	1,226	11	279	4	102	90	41
505	5	3,600	3.5	89	5.75	146	31	787	59.5	1,511	11	279	6	152	160	73
510	10	3,600	4	102	5.75	146	42	1,057	72.5	1,842	11	279	6	152	370	168
525	25	3,600	4.5	114	7.5	190	52	1,321	91.25	2,318	14	356	8	203	660	300
530	30	1,800	7	178	9.875	251	54	1,372	94.5	2,400	14	356	10	254	1,150	523
550	50	1,200	11	279	14	356	64.5	1,638	116.5	2,959	18	458	16	406	1,350	614
575	75	1,200	12.5	318	15.5	394	78.5	1,994	135.25	3,435	22	559	18	457	1,800	818
5100	100	1,200	13	330	17	432	102.75	2,599	162	4,115	24	610	20	508	2,100	955



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