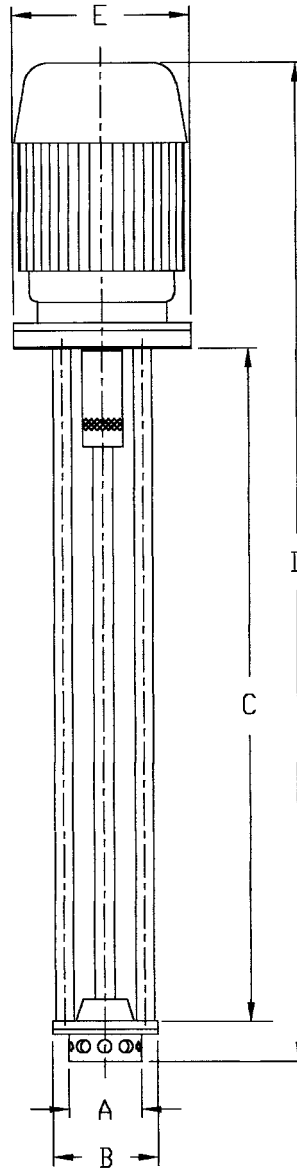


Series 100 Specifications and Dimensions

STANDARD FEATURES:

- 1-1/2 through 200 HP.
- 230/460 volt, 60 Hz, three phase, explosion proof motors (see options for starters and controls).
- Standard single-stage Rotor/Stator supplied with either disintegrating, slotted, square hole or fine screen stator head.
- For use in atmospheric (non-pressure/non-vacuum) vessels.
- 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.
- 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 sets (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 (voltage, frequency and type of enclosure must be specified).
- SLIM System for incorporating powders directly into the high shear zone.
- Custom built vessels can be supplied for use with series 100 units.

Model Series 100	STD HP	RPM	A Rotor Dia.		B Lower Flange Dia.		C Shaft Length		D O.A. Height		E Upper Flange Dia.		Capacity (water)		Weight	
			"	mm	"	mm	"	mm	"	mm	"	mm	Gal.	Ltr.	Lbs.	Kgs.
101	1.5	3600	2.5	64	4 1/4	114	24 1/2	622	35	889	11	279	4 to 30	15-113	90	41
105	5	3600	3.5	89	6	152	33	838	46	1168	11	279	15-50	55-190	160	73
110	10	3600	4	102	6 1/2	165	44 1/2	1130	62	1575	11	279	25-250	95-945	370	168
125	25	3600	4.5	114	7 1/2	191	50 1/2	1283	73	1854	14	356	40-500	151-1875	660	300
130	30	1800	7	178	10	254	54	1372	82 3/8	2108	14	356	40-800	151-3000	1150	523
150	50	1200	11	279	14	356	64 1/2	1638	93	2362	18	458	250-1500	945-5675	1350	614
175	75	1200	12.5	318	15 1/2	394	78 1/2	1994	110	2794	22	559	400-2200	1515-8325	1800	818
1100	100	1200	13	330	17	432	102 3/4	2599	138 1/2	3518	22	559	500-6000	1890-22,710	2100	955

HSM 100 SS-00



CHARLES ROSS & SON COMPANY

P.O. Box 12308, 710 Old Willets Path, Hauppauge, NY 11788 • Fax: 1-631-234-0691 • Tel: 1-631-234-0500

Website: www.mixers.com • Email: sales@mixers.com