

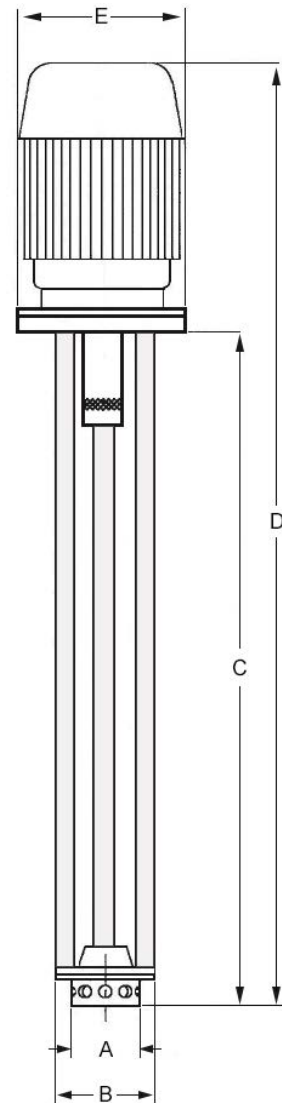
# ROSS Batch High Shear Mixers 100 Series Specifications and Dimensions

## STANDARD FEATURES:

- 1.5 HP through 200 HP.
- Driven by an explosion proof inverter duty motor.
- Standard single stage rotor/stator supplied with either disintegrating, slotted, square hole, or fine screen stator head.
- Stainless steel type 316 wetted parts.
- Non-stainless steel external parts coated with a two-part acrylic urethane enamel coating.
- TEFLON® rotor shaft bushing.

## AVAILABLE OPTIONS:

- Washdown and stainless steel motors.
- Variable speed control system, 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.
- Stainless steel hanging bracket.
- Square mounting flange.
- Shaft Mounted down thrust and circulation propellers.
- Bronze, glass-filled TEFLON®, PEEK, 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)		Weight	
			in	mm	in	mm	in	mm	in	mm	in	mm	lbs	kg
101	1.5	3,600	2.5	64	4.25	114	24.5	622	35.0	889	11	279	90	41
105	5	3,600	3.5	89	6.0	152	33.0	838	46.0	1,168	11	279	160	73
110	10	3,600	4.0	102	6.5	165	44.5	1,130	62.0	1,575	11	279	370	168
125	25	3,600	4.5	114	7.5	191	50.5	1,283	73.0	1,854	14	356	660	300
130	30	1,800	7.0	178	10.0	254	57.5	1,372	82.4	2,108	14	356	1,150	523
150	50	1,200	11.0	279	14.0	356	64.5	1,638	93.0	2,362	18	458	1,350	614
175	75	1,200	12.5	318	15.5	394	78.5	1,994	110.0	2,794	22	559	1,800	818
1100	100	1,200	13.0	330	17.0	432	102.8	2,611	138.5	3,518	22	559	2,100	955

\*Dimensions shown are approximate and subject to change without notice due to design improvements, selected options, or supplier component substitutions.



**CHARLES ROSS & SON COMPANY**

P.O. Box 12308  
710 Old Willets Path, Hauppauge, NY 11788

631-234-0500 Fax: 631-234-0691



www.mixers.com  
sales@mixers.com