



SVM Mixers

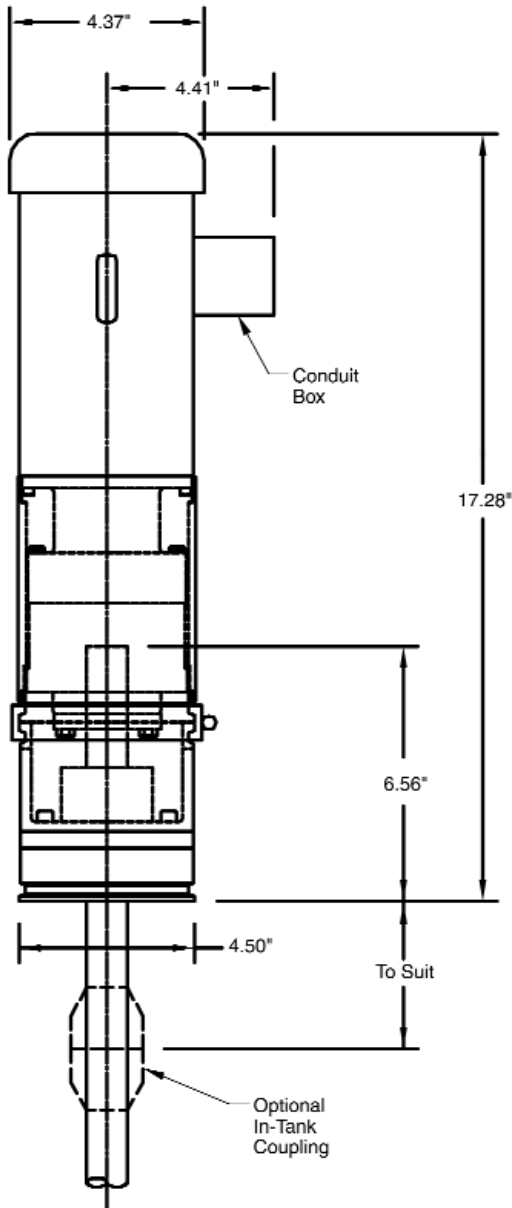
Versatile mixing
for critical bioprocesses

LIGHTNIN's family of SanStar™ Sanitary Vertical Mini (SVM) mixers is designed to meet the most stringent requirements for cGMP facilities, and to provide a comprehensive array of mixer solutions for the biotech, pharmaceutical, food and cosmetics industries. These “mini” mixers have been engineered for your most critical processes, collectively providing superior performance and clean operation. Suitable for the complete range of bio-pharm and “clean industry” applications: buffer and media prep; cell culture; product recovery; product blending and packaging.



Engineered for cleanliness, critical service

- Minimum footprint for vessels from 20 to 100 liters.
- 300 series seal housing and pedestal; epoxy-painted drive.
- Designed for use in dry-running, aseptic environments.
- Vertical, in-line design for closed tank applications.
- Single dry-running seal as standard, with or without sanitary purge gland.
- Bio-Pharm-designed double mechanical seals available either dry-running or condensate lubricated.
- Wide range of output speeds from 120 to 370 rpm, for maximum flexibility.
- Variety of impeller configurations and variable speed drives for a wide range of process requirements.
- Full clean-in-place, sterilize-in-place (CIP/SIP) features.
- Comes with LIGHTNIN's 100% process guarantee.



SVM Mixers				
Model	HP	Output Speed (rpm)	Maximum Diameter, in.	
			A510_22	A320
SVM4S15	0.15	370	8.8"	7"
SVM7S15	0.15	245	11.2"	9"
SVM9S15	0.15	180	12.8"	12"
SVM13S15	0.15	123	12.8"	12"

QAD for cGMP requirements

To demonstrate that FDA-mandated Good Manufacturing Practices (cGMP) guidelines have been met, biotechnology and pharmaceutical customers may also order Quality Assurance Documentation (QAD) when they purchase a LIGHTNIN SVM mixer. To order a QAD, talk to your LIGHTNIN Sales Representative or authorized LIGHTNIN Service Center.

Call the LIGHTNIN experts

For more information about the LIGHTNIN SVM Series or to discuss your application, contact your local LIGHTNIN Sales Representative. Or visit our website at www.lightninmixers.com. Or call 1-888-MIX-BEST (U.S. and Canada), or 1(585) 527-1623 (Worldwide).