



SB Side Entry Mixer

A horizontal shaft swivel, coupled with advanced seal technology, provides uniform blending and easy maintenance.

Our new SB™ side entry mixer provides efficient, uniform blending throughout the tank while keeping solids suspended. Complete with a metal-to-metal shut off with seal verification technology, quick seal change and a horizontal swivel, this agitator is the full-range solution bringing reduced costs, increased reliability, and high performance to your operations.

Features and benefits

Easy seal change - Quick seal change provides hassle-free maintenance without removing the agitator or the drive end from the mounting location.

Tank shut-off - Our metal-to-metal shut off allows you to achieve clean seal maintenance without draining the tank. Robust seal verification technology is also included to signify a complete shut-off, giving you peace of mind, lower costs and reduced downtime.

Swivel - Providing more robust blending and solids suspension, it can be rotated at maximum 30° in both left and right directions.

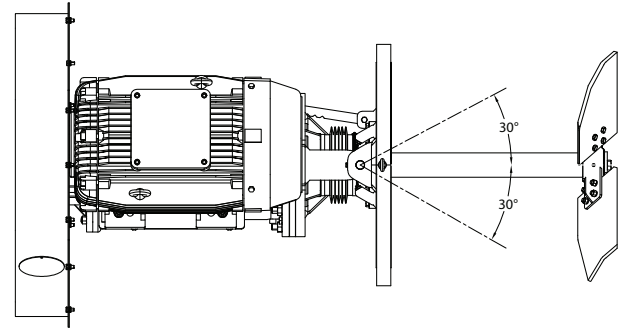
Work smarter, not harder, with an optional equipment upgrade.

GoConnect™ real-time condition monitoring application
Reduce maintenance costs, extend the life of your assets, and avoid unplanned downtime through monitoring vibration, bearing temperature, and motor current.

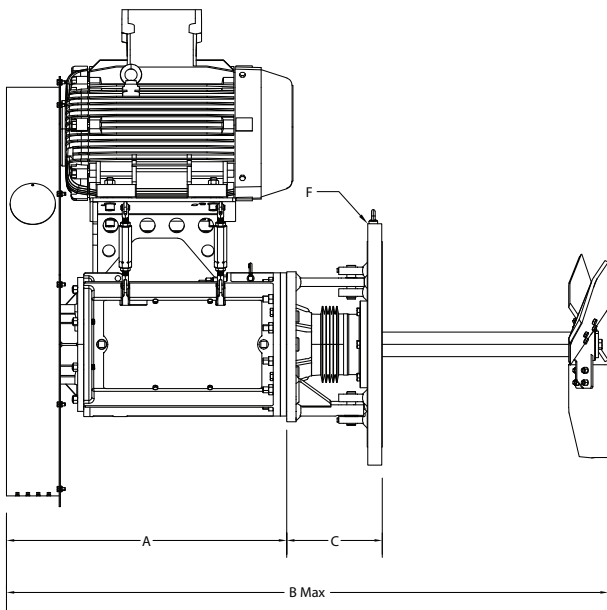
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Specifications

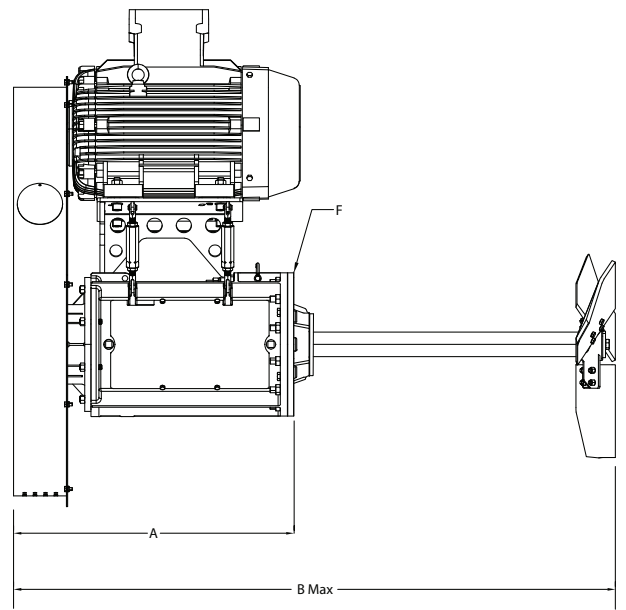
Shaft size	2 in. (50.8 mm), 2.5 in. (63.5 mm), and 3 in. (76.2 mm)
Power range	10-75 HP (7.5 - 55 kw)
Wetted parts	316SS shaft and impeller or built to customer specification
Motor	Foot mounted at 50 or 60 Hz
Operating speed	435 rpm
Mounting	Flange mounting for side wall
Agitator support	Existing tank mounting nozzle flange, tie rod or floor support



Single plane swivel - Top view



Single plane swivel



Fixed

Dimensions

Model	A		B _{MAX} ¹		C		Flange size and orientation (150# ANSI, Holes straddle centerline)	
	in.	m	in.	m	in.	m	Swivel ^{2,3}	Fixed ³
3SB	29.7	0.76	62.1	1.58	-	-	-	10 in. (0.25 m)
4SB	37.2	0.94	83.8	2.13	14.9 - 17.3	0.038 - 0.044	30 in. (0.76 m)	12 in. (0.3 m)
5SB	37.2	0.94	93.3	2.37	14.9 - 17.3	0.038 - 0.044	30 in. (0.76 m)	12 in. (0.3 m)

1 - Shaft length and impeller size increase with motor size

2 - Available in both Series A and Series B flange styles

3 - Additional flange sizes and styles available