



In-Line Mixers "General Duty" LS Series Mixer

Capacity

Self-pumping throughputs of 20 to 20,000 litres/hr.

No Bypassing

Products cannot bypass the precision rotor/stator workhead.

Interchangeable Workheads

Single stage rotor/stator configurations as standard. For those applications that require greater shear, interchangeable multistage configurations can be used.

Materials of Construction

Product contact parts in 316L stainless steel. Special materials on request.

Motor Specification

TEFV and ATEX approved Flameproof motors are available as standard. Inverter rated, stainless steel and other motors are available as optional extras.

Inlet and Outlet Connections

All sanitary screw or flange fittings available on request (e.g., ISS, DIN, RJT, SMS, Tri-Clamp, etc.).

Sealing

Single or double mechanical shaft seals available as standard.

Cleaning

All Silverson In-Line mixers are designed for cleaning in place (CIP).

Aeration Free

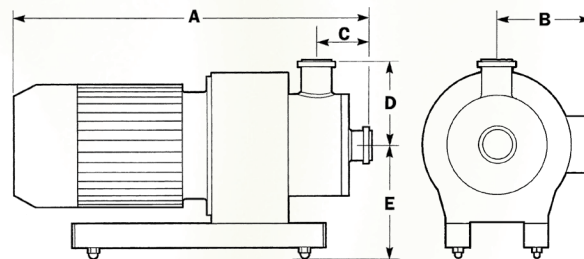
Operating Pressures

General Duty In-Line models are designed for operation on pressures of up to 100 psi (7 bar). Higher pressure units are available on request.



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Tri-clamp, 50Hz Motors

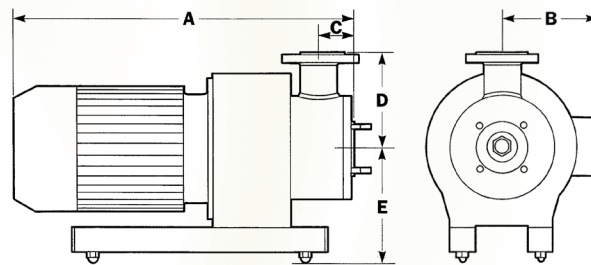
Model	kW	R.P.M	TEFV A	ATEX A	TEFV B	ATEX B	C	D	E	Inlet/Outlet
275LS	1.5	3000	524	518	140	230	98	133	167	38
425LS	4	3000	692	702	189	289	129	181	225	50
450LS	7.5	3000	692	702	189	289	129	181	225	50
600LS	15	3000	911	911	239	316	156	213	284	75
700LS	37	3000	1227	1177	325	370	203	330	479	100

All dimensions shown are in millimetres. The dimensions shown are approximate only and certified diagrams should be used for installation purposes. Silverson reserves the right to change dimensions and specifications without notice.



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Flange fittings, 50Hz Motors

Model	kW	R.P.M.	TEFC A	EXPL A	TEFC B	EXPL B	C	D	E	Inlet/ Outlet
275LS	1.5	3000	483	476	140	230	56	146	167	38
425LS	4	3000	641	651	189	289	79	197	225	50
450LS	7.5	3000	641	651	189	289	79	197	225	50
600LS	15	3000	841	841	239	316	84	235	284	75
700LS	37	3000	1135	1085	325	370	111	356	479	100

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