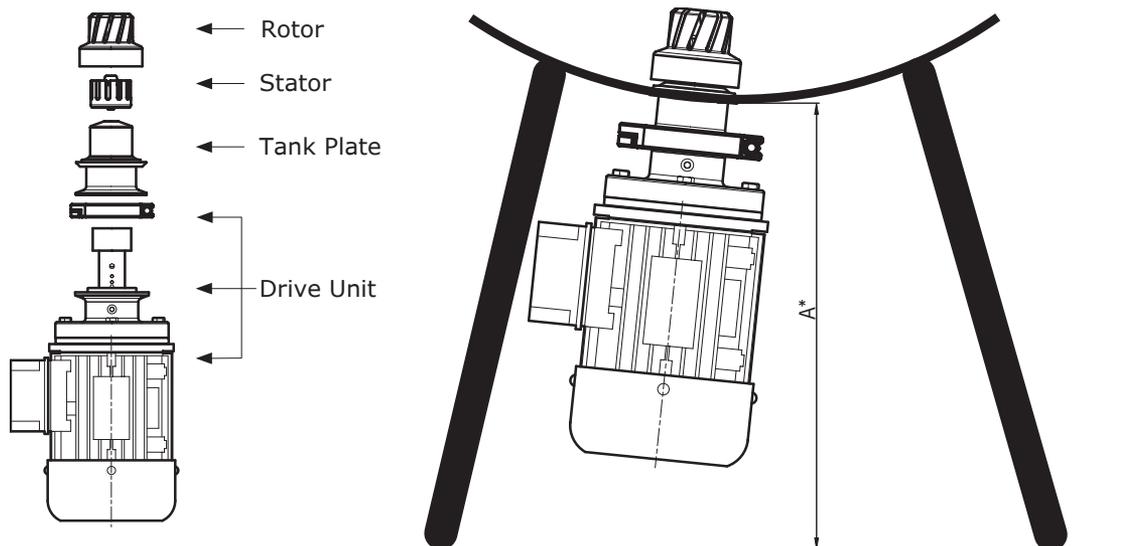


Specification Sheet

NovAseptic® Mixer, Mixer Assembly, HS

Product Description

The NovAseptic® mixers offer a complete solution for mixing throughout the process line and are designed for a wide variety of mixing applications in the pharmaceutical and biotechnology industries.



Assembly Recommendation

Novaseptic® HS Mixer Assembly Type	Rotor	Stator	Drive Unit	A*
HS T10	G10-013	G20-010	HS10/4XS-N	350 (13.78)
HS T60	G10-009	G20-005	HS60/4XS-N2	533 (20.99)
HS T260	G10-010	G20-007	HS260/4XS-N2	684(26.93)

* Minimum distance to dismount the drive unit

Specifications

Net Weight (approximate)			
Mixer Assembly	HS T10	HS T60	HS T260
Weight kg (lb)	6.0 (13.2)	26 (57.3)	90 (198.4)

Max Tip Speed (m/s)			
Mixer Assembly	HS T10	HS T60	HS T260
Max Tip Speed* (m/s)	11	12	21

* Tip speed at mechanical limit

Shear Quota (s ⁻¹)			
Mixer Assembly	HS T10	HS T60	HS T260
Shear Rate** (s ⁻¹)	25,000	20,000	40,000

** Shear rate at mechanical limit

Mixer Assembly Parts		
	HS—Catalogue No.	Specification Sheet—Lit. No.
Rotor	G10-#	SP1152EN00
Stator	G20-#	SP1151EN00
Drive Unit	HS##/4XS-##	SP1154EN00
Tank Plate (Welded) HS T10	GM05/33	SP1033EN00
Tank Plate (Flanged) HS T60	G30-013	SP1195EN00
Welding Flange HS T60	GM15/393	SP1195EN00
Tank Plate (Welded) HS T60	G30-009	SP1153EN00
Tank Plate (Flanged) HS T260	G30-014	SP1195EN00
Welding Flange HS T260	GM10100/393	SP1195EN00
Tank Plate (Welded) HS T260	G30-011	SP1191EN00

Mixer Accessory Parts		
	HS—Catalogue No.	Specification Sheet—Lit. No.
Attractor HS T10	GT05/AW	SP1178EN00
Attractor HS T60	GT60/AW	SP1178EN00
Lifting Tool for Rotor HS T60	G93-001	SP1176EN00
Stator Mounting Tool	G93-#	SP1177EN00
Welding Tool Tank Plate Heatsink for HS T60 and HS T260	G94-#	SP1179EN00

Additional Information	
Ambient Temperature*	-15 to 40 °C (5 to 104 °F)
Operating Temperature*	5 to 135 °C (41 to 275 °F)
Specification Sheet	Further information is available on the specification sheet of each NovAseptic® mixer assembly part.
Quality Control	The quality assurance system guarantees the control and traceability at all stages of the manufacturing.

* The NovAseptic® mixer may have different design temperature and/or pressure limits. The weakest component in the assembled product determines the maximum permitted design temperature and pressure limits.

Technical Assistance

For more information, please visit [SigmaAldrich.com](https://www.SigmaAldrich.com) for up-to-date worldwide contact information

