

TBX/E 2.2/6N

Stainless steel horizontal submersible mixer

Product data

Structured from public source data for the TBX/E series.

TYPE Horizontal submersible mixer	MATERIAL AISI 316 stainless steel
MOTOR RATING 2.2 kW	SUPPLY 400 V three-phase - 50 Hz
SPEED 940 rpm	FLOW RATE 833 m3/h
AXIAL THRUST 313 N	WEIGHT 65.5 kg
PROTECTION IP68 - class F insulation	SERVICE Continuous

Operating limits and construction

- AISI 316 construction; self-cleaning propeller profile; two thermal probes in stator winding.
- Max. liquid temperature 40 C; max. submergence depth 20 m; pH range 5 - 12.
- Max. suspended solids 12%; H07-RN-F neoprene submersible cable.
- Certified values and application notes are separated to avoid ambiguity in a sales document.

Documentation delivered

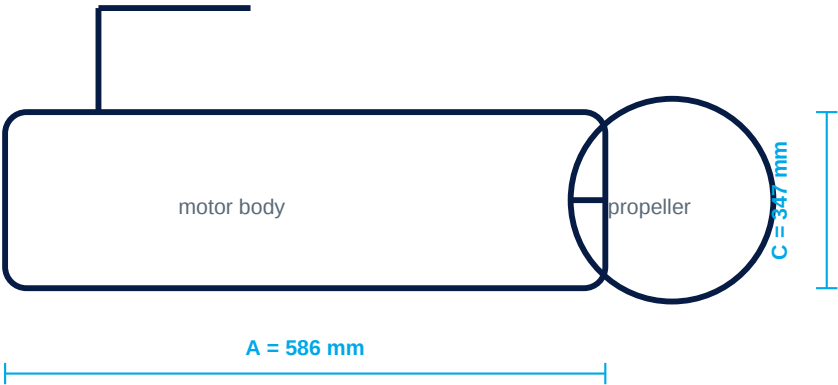
A usable entry point before the full manual.

- Product overview
- Performance data
- Dimensional layout
- Electrical and installation notes



Dimensional layout

Reference layout for TBX/E 2.2/6N. Confirm final dimensions with the current manufacturer drawing.



Schematic layout prepared for this demo. Values are source-reference only, not construction release data.

Installation and electrical requirements

MIN. SUBMERGENCE	X = 400 mm Y = 400 mm
SUPPLY	400 V three-phase, 50 Hz, +/- 10%
MOTOR PROTECTION	Two thermal probes in stator winding
CABLE	H07-RN-F neoprene, submersible type
INSTALLATION	Guide rail / lifting system selected to suit the application
COMMISSIONING	Verify rotation, immersion, fluid characteristics and cable routing

Source note

Public TBX/E product data is used only to demonstrate document restructuring. CRI-MAN is the owner of its name and product data.