FET | Sub-Atlantic

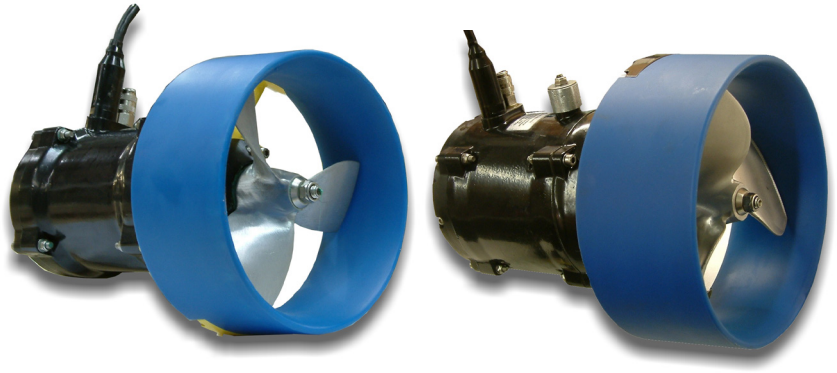
Brushless AC Thrusters

FET's Sub-Atlantic range of brushless AC thrusters have low weight and enhanced reliability. They are currently available in two sizes. The first which is the CTE-01 has a 150mm propeller and the second which is a CTE-02 has a 178mm propeller. The thruster comparison figures are highlighted in the table below.

Model	Units	CTE-01 Mk1		CTE-01 MkII		CTE-02 Mk1		CTE-02 MkII	
		Single	Double	Single	Double	Single	Double	Single	Double
Fwd Thrust @60Hz	N	285	285	285	285	442	481	442	481
Rev Thrust @60Hz	N	255	285	255	285	353	481	442	481
Electric Power	KW	1.0	1.1	1.0	1.1	2.0	2.2	2.0	2.2
Voltage	VAC	440 V3 Phase							
Weight in Air	Kg	8.5	9.8	8	9.3	13	15	12	14
Weight in Water	Kg	5.9	6.5	5	6.4	6.3	9.6	8.1	9.2
Connector	Sub-Atlantic 5 Pin Connector Whip in 500mm or 1000mm Length								
Depth Rating	Oil Filled, Full Ocean Depth								
Construction	Aluminum, Stainless Steel Plastics & Ceramics								

Features

- High reliability, Rugged Design
- Forward/Reverse Thrust within 5-10% band
- Two sizes available
- Direct Drive Reliability (no gearbox)
- Lightweight Design
- Various Connector Options



Innovative Shaft Sealing

The thruster incorporates our proven ceramic wear ring technology used on all of our current electric and hydraulic thrusters. The ceramic ring provides a durable hard surface that prevents wear to the shaft and the resultant seal damage and consequential flooding.

Pressure Compensation

These thrusters must be externally compensated. A range of compensators can be bought from Sub-Atlantic.

Brush and HPU Options

Our brushless AC thrusters are also used to drive HPU's and there are cleaning brush options for both the CTE-01 and CTE-02 thrusters. Please ask for more details.

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The specification details are illustrative and are for marketing purposes only. Actual equipment may be different as a result of product improvement or other reasons. Specific interface and performance information should be reconfirmed at time of order placement.

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