

THRUSTERS



Features

- Wide choice of thruster configurations
- Self-contained drive electronics within the thruster housing
- Proven DC brushless motor technology
- Telemetry control allows rapid response
- Fouled propeller detection and reset circuitry
- Under voltage protection of the electronics
- Integral pressure compensation for full ocean depths of operation

The range of Saab Marine Thrusters is the culmination of Saab's proven brushless DC motor technology and impressive new developments in magnetics and materials sciences. Communication facilitates the rapid integration of the thrusters into all manner of subsea applications from ROV and AUV propulsion to prime mover applications such as pumps. With simplicity and versatility in mind, the range of thrusters include numerous innovative features that makes them stand out from similar thrusters for performance, reliability and ease of maintenance. For individual specifications and data refer to the respective thruster data sheet.

Specifications

	SI-MCT01	SM4-M	SM5	SM6	SM7	SM8	SM9
Nominal Voltage:	48VDC	250VDC	250VDC	250VDC	500VDC	500VDC	250VDC/500VDC
Nominal Current (normal running):	6A	4.5A	4.5A	4.5A	5A	5A	9A
Thrust:	13kgF	25kgF	38kgF	38kgF	60kgF	120kgF	60kgF @ 250VDC 100kgF @ 500VDC
Weight in Air:	4.3kg	3.7kg	8kg	8kg	9kg	26kg	15kg
Weight in Seawater: (including propeller and nozzle)	2.5kg	2.2kg	4kg	4kg	4kg	14kg	8.5kg
Depth Rating:	1000m, 3000m	1500m, 3000m	Up to 2500m	Up to 2500m	2500m, 6000m	Up to 3000m	3000m
Control Signal:	RS485	PWM for Speed Signal	PWM for Speed Signal	PWM for Speed Signal	PWM for Speed Signal	RS485	RS485
Electronics: (reversible for direction control)	N/A	24VDC @ 200mA	24VDC @ 200mA	24VDC @ 200mA	24VDC @ 200mA	N/A	N/A
Connector:	5 Way	7 Way	7 Way	7 Way	7 Way	5 Way	5 Way
Dimensions (L x W)(mm)							355 x 393
Propeller Diameter: (mm)	178	152.4	254	254	243	305	254

ORDERING INFORMATION

Part Number:
See Individual Data Sheets

Description:
Thrusters



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Note. Specifications may change without prior notice.