

# OPTIMUS EA3300C ELECTRIC STEERING SYSTEM FOR INBOARD BOATS

The Optimus Electric Steering system brings effortless steering and simple installation for your inboard boat

**APPLICATION SPECIFIC**  
SMALL HIGH SPEED VESSELS

**ALL ELECTRIC**  
FLUID-FREE DESIGN WITH A COMMITMENT TO  
ENVIRONMENTAL RESPONSIBILITY

**PROGRAMMABLE**  
STEERING PARAMETERS CAN BE SET  
BASED ON BOAT CHARACTERISTICS



Mobile living made easy.

 **DOMETIC**

# BE THE LEADER WITH OPTIMUS ELECTRIC STEERING

With industry leading expertise, Dometic developed the electric actuator to provide the fast steering response, high precision control and safety demanded by today's inboard customers. Installation has been simplified with only three components making up the system: the electric actuator, CANtrak display, and the electronic helm, all coupled with a wiring harness. The comfort and control you expect is accomplished with Optimus Electric Steering.

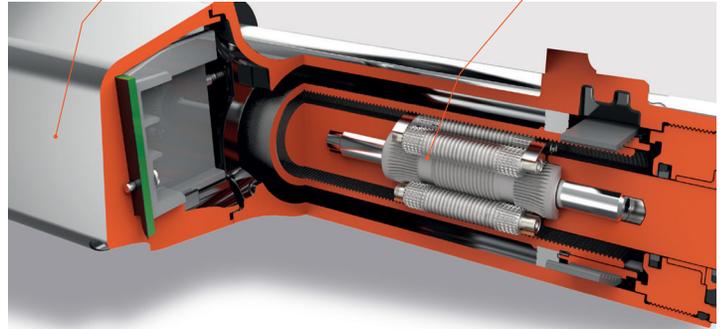
The electric actuator steering parameters are programmed to give the highest performance in steering. The electric actuator and electronic helm work together to provide the feel of control and comfort you want when you are on the water enjoying your favorite boating activity.

## Features

- No load on the steering wheel provides effortless smooth steering
- Zero free play at steering wheel – quick response
- Rapid steering response time
- Symmetric helm feel when turning to port or starboard
- Programmed helm resistance for high and low speed steering wheel stability
- Number of turns vary from 3.5-8.5 based on speed and application
- NMMA, ABYC, CE, ISO and SAE electrical & environmental requirements
- 12 VDC
- Single and dual rudder applications
- Network communication to vessel components, such as 3rd party autopilots

Fully sealed controller is integrated in the actuator

Reliable, efficient planetary roller screw technology



• Optional Remote Steering Override Kit



### 1. Easy Installation

Multi-position foot mount design



### 2. Electronic Helms

Compatible with the family of Optimus helms which provide auto adjusting wheel turns and effort based on speed



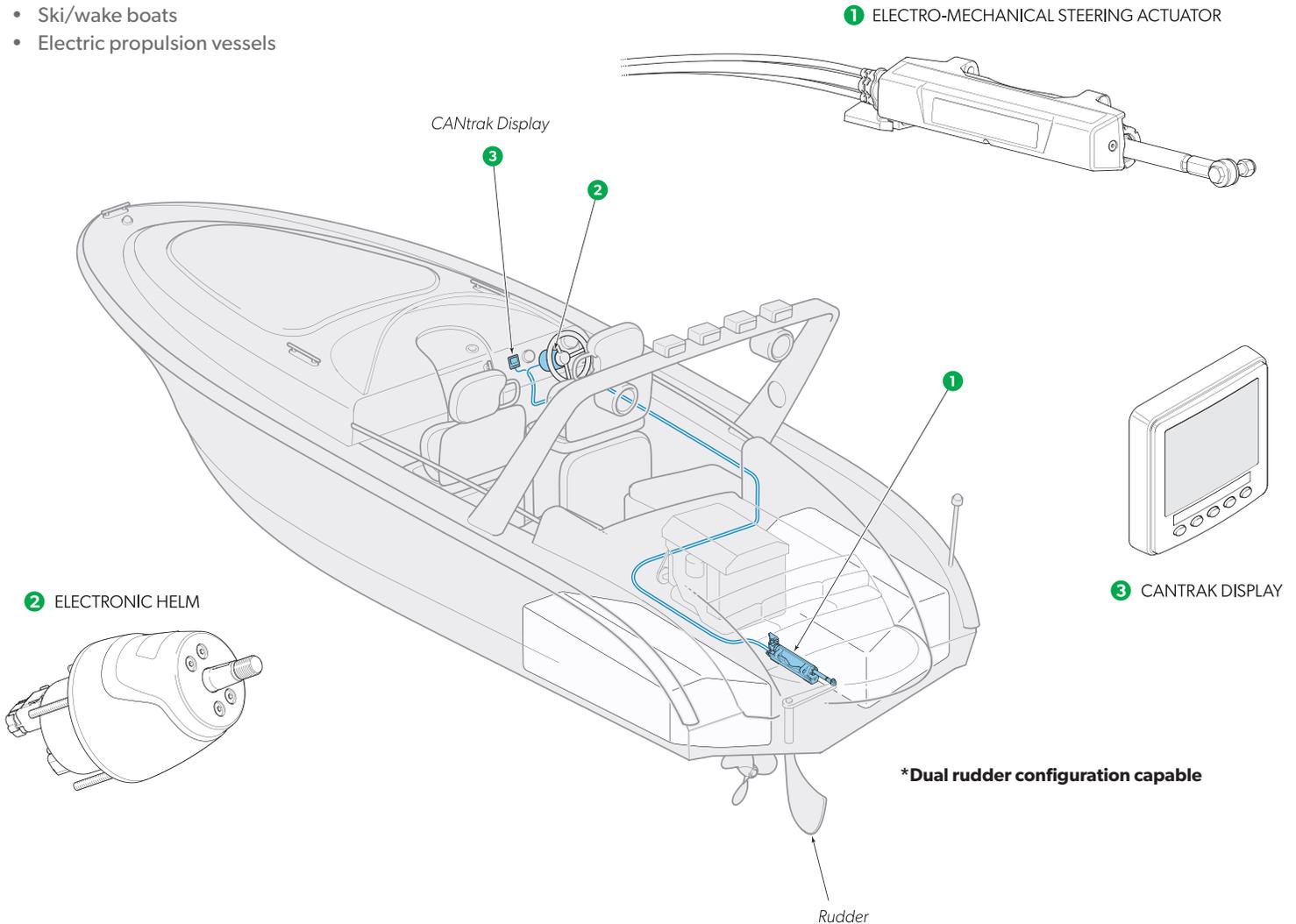
### 3. Durable Design

Leverages the electric actuator DNA for robustness

# APPLICATIONS FOR OPTIMUS EPS

## IDEAL FOR (Approximately under 26 feet):

- Most single and twin inboard propulsion boats
- Single and multi-helm (up to 3) station boats
- Ski/wake boats
- Electric propulsion vessels

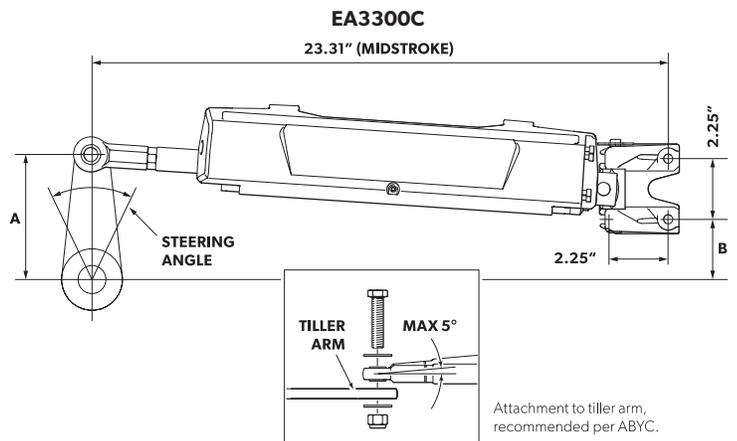


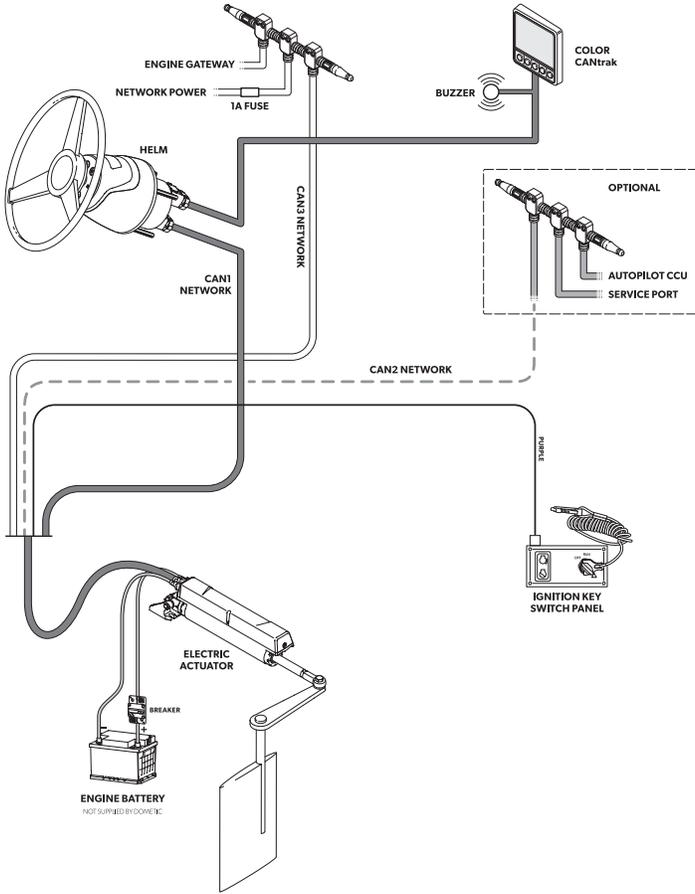
## MOUNTING DIMENSIONS

Steering Angle							
25°		30°		35°		40°	
A	B	A	B	A	B	A	B
9.46"	7.45"	8.00"	5.80"	6.97"	4.58"	6.22"	3.64"
240 mm	189 mm	203 mm	147 mm	177 mm	116 mm	158 mm	92 mm
6430 in-lb		5195 in-lb		4282 in-lb		3575 in-lb	
726 Nm		587 Nm		484 Nm		404 Nm	

**Dimension A: Tiller arm length**  
**Dimension B: Foot bracket location**  
**Rudder calculations required**

\*For reference only, please contact sales rep for assistance





ELECTRIC INBOARD TWIN CYLINDER (FOR REFERENCE ONLY)

