

# OPTIMUS 3000 SERIES ELECTRIC STEERING SYSTEM FOR INBOARD BOATS

The Optimus Electric Steering system is specifically designed to enhance the handling capability of your inboard boat

## LOAD CAPACITY

DESIGNED TO MEET RUDDER LOADS EXPERIENCED BY INBOARD BOATS

## CONNECTIVITY

NETWORK COMMUNICATION TO COMPATIBLE VESSEL COMPONENTS, SUCH AS 3RD PARTY AUTOPILOT

## 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. The installation has been simplified with only four components to make up the system: electric actuator, CANtrak, harness and electronic helm. 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.

**All the features and benefits of the electro-hydraulic system packaged in the electric actuator.**

## 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

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



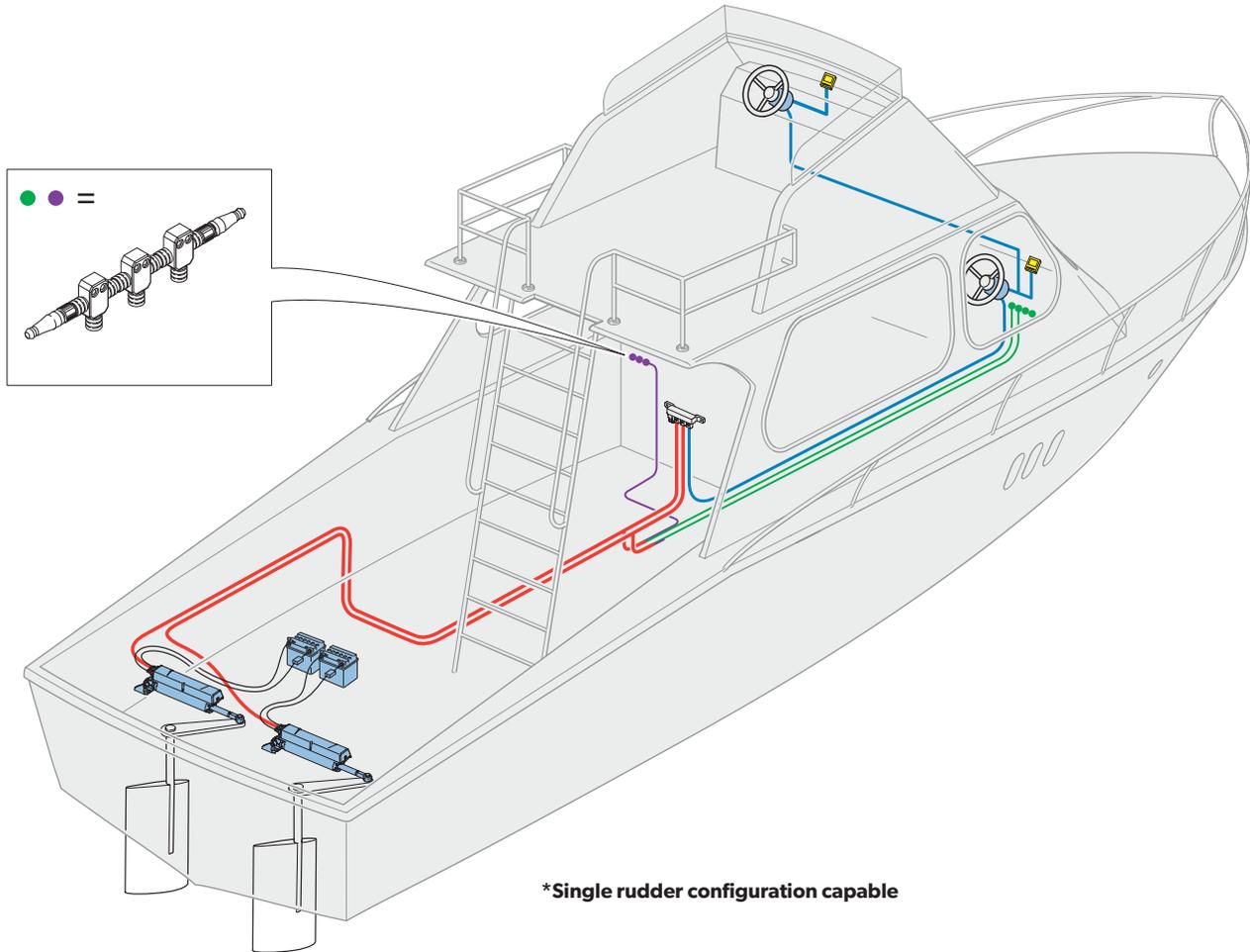
### 3. Durable Design

High load bearing construction

# APPLICATIONS FOR OPTIMUS EPS

## IDEAL FOR (Approximately under 40 feet):

- Most single and twin inboard propulsion boats
- Single and multi-helm (up to 3) station boats
- Inboard yachts, catamarans, cruisers, and sport fishing yachts
- Electric propulsion vessels



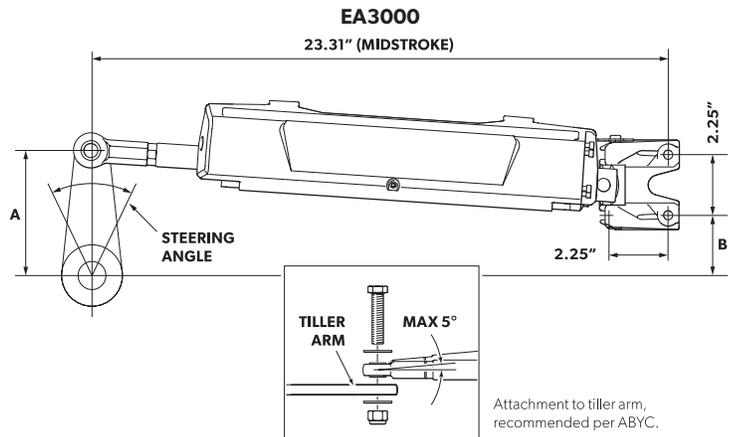
## MOUNTING DIMENSIONS

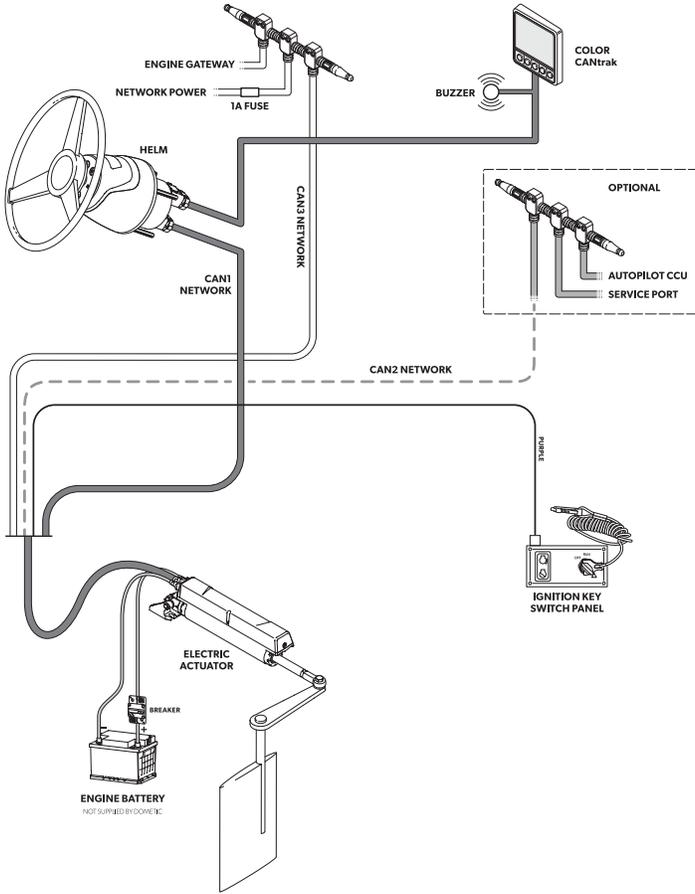
Steering Angle							
25°		30°		35°		40°	
A	B	A	B	A	B	A	B
9.46"	7.45"	8.00"	5.80"	6.97"	4.58"	6.22"	3.64"
240 mm	189 mm	203 mm	147 mm	177 mm	116 mm	158 mm	92 mm
12860 in-lb		10390 in-lb		8565 in-lb		7150 in-lb	
1453 Nm		1051 Nm		968 Nm		808 Nm	

Dimension A: Tiller arm Length

Dimension B: Foot bracket location

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





ELECTRIC INBOARD TWIN CYLINDER (FOR REFERENCE ONLY)

