

SEASTAR™

OUTBOARD STEERING CYLINDER



IT'S A
TOUGH ONE



Tilt Steering

The ultimate in Tilt Steering Technology. SeaStar Tilt Steering delivers unsurpassed performance and flexibility making it the perfect system for all possible applications and boat types.

FEATURES

- Preloaded dual taper bearings ensure minimal excess free play
- Smooth operation and feel
- Shaft seals prevent water ingress
- 48 degrees of tilt articulation
- 5 positive lock positions
- Up to three style options
- Compact footprint
- Maintenance free
- Fits most styled and formed dashes



CLASSIC TILT



SPORT PLUS TILT



SPORT TILT

HELM DESCRIPTION	PART No.
SeaStar 1.4 - Classic Tilt	HH6544-3
SeaStar 1.7 - Sport Tilt	HH6191-3
SeaStar 1.7 - Classic Tilt	HH6541-3
SeaStar 1.7 - Sport Plus Tilt	HH6491-3
SeaStar 2.0 - Sport Tilt	HH6545-3
SeaStar 2.0 - Classic Tilt	HH6543-3
SeaStar 2.0 - Sport Plus Tilt	HH6445-3
SeaStar 2.4 - Sport Tilt	HH6192-3
SeaStar 2.4 - Classic Tilt	HH6542-3
SeaStar 2.4 - Sport Plus Tilt	HH6492-3

Stainless Steel Bulkhead Hose Kits Options

SeaStar Stainless Steel Bulkhead Hoses assures a neat and clean steering installation. These hose assemblies have integral 316 stainless steel bulkhead plate(s) and 316 stainless steel fittings which allow for tidy hose routing while preventing hose kinking or chafing.

DESCRIPTION	PART No.
SeaStar Single Stainless Steel Bulkhead Hose Kit (2 hoses)	HO86XX
SeaStar Single Stainless Steel Pro Bulkhead Hose Kit (2 hoses)	HO87XX
SeaStar Double Stainless Steel Bulkhead Hose Kit (2 hoses)	HO88XX
SeaStar Double Stainless Steel Pro Bulkhead Hose Kit (2 hoses)	HO89XX

SINGLE BULKHEAD HOSE KIT HO86XX



DOUBLE BULKHEAD HOSE KIT HO88XX



Refer to www.seastarsolutions.com for additional system options.

THE NEW SEASTAR OUTBOARD CYLINDER, ITS

SeaStar Solutions, the leader in hydraulic and mechanical marine steering, has introduced a new outboard hydraulic cylinder featuring upgrades to the barrel, sealing system and fittings. These upgrades are designed to keep pace with the introduction of heavier higher horsepower engines found on today's new boats.

New Look

The robust barrel and new graphics complement the styling on new boats and motors

New Sealing System

Offers excellent resistance to repeated compression set and is designed to better withstand the harsh environment



MADE IN
USA
BY
SEASTAR
SOLUTIONS
DESIGNED
IN CALIFORNIA
OUTBOARD MOTOR STEERING
PART # HC5345-3, 10
SEASTAR
WARNING Failure to adhere to these instructions may result in possible electric shock from voltage.
PRIOR TO EVERY USE: 1. Check fluid level in reservoir. 2. Inspect all steering hoses and fittings for leaks, wear or locking steering components. **DO NOT OPERATE** until all leaks are repaired.
INSTALLATION, USE AND MAINTENANCE: 3. Interference with other steering systems. 4. Maintain steering system at a minimum of 1000 psi.

A TOUGH ONE

For Single, Twin and Triple Engine Applications

FEATURES

Independent engine tilt for twin/triple engine installations

Easy steering

Suitable for use with all SeaStar Helms & SeaStar Power Assist

Varying lock to lock turn ratio, dependant on helm selection

State of the art proprietary sealing system offers excellent resistance to repeated compression set and is designed to better withstand the harsh environment

Stainless steel adjustable O-Ring (ORB) fitting for easier installation

SeaStar System Upgrade Options

SEASTAR POWER ASSIST

Today's high horsepower engines are much heavier and are producing more propeller torque than ever before. Naturally this additional weight and torque has an effect on the boat's steering when these loads are transferred to the wheel. Unacceptable levels of steering load can increase driver fatigue and discomfort. The SeaStar Power Assist virtually eliminates all steering loads and provides modern boaters the same level of steering comfort and control found in cars. Even in the most extreme applications, the boat will be more comfortable to steer. The SeaStar Power Assist allows the boat to be driven safely and easily by the whole family.



HC5345-3

ORB Fittings

Stainless steel adjustable O-Ring (ORB) fitting for easier installation



PA1200-2

FEATURES

- Dramatically reduces steering effort
- Wall or floor mount
- Easy to install
- OEM or retrofit
- Simple add-on to an existing SeaStar steering system (from 1.4 to 2.4 SeaStar helms)
- Compatible with power purge system
- Return to manual in failure mode
- Suitable for use with autopilots
- 12V or 24V operation
- Wiring harness included
- Ignition protected (SAE J-1171)
- ABYC, CE, NMMA, ISO 10592 Approved

New SeaStar Steering Helms

HELM UPDATE

SeaStar Solutions has updated our very popular SeaStar and BayStar hydraulic steering helm pumps. The new helms will be a direct replacement for the existing products with additional product features.

The addition of adjustable stainless steel o-ring seal fittings will simplify the installation process and will allow for simple reorientation of the fittings after installation.

NEW HYDRAULIC HELMS AND PRO HELMS



New Branding

Updated vent plugs and new graphics complement the styling on new boats and motors

Anodized rear cover

Anodized black port plugs

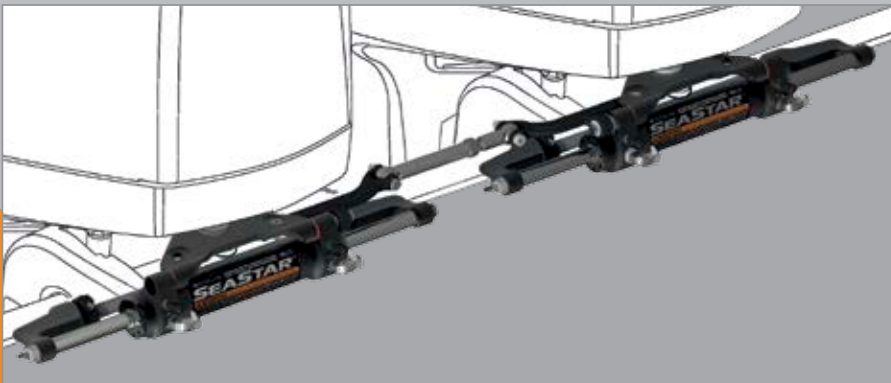
ORB Fittings

Stainless steel adjustable O-Ring (ORB) fitting for easier installation

Multiple Engine Configuration



Twin Engine / Single Cylinder
(Uses HO6001 tie bar)



Twin Engine / Dual Cylinder
(Uses HO6002 tie bar)



Explore



©2014 SeaStar Solutions All Rights Reserved.
Document: SeaStar Cylinder - 2014. Printed in the USA.

www.seastarsolutions.com