# SEASTAR

## SEASTAR POWER ASSIST AUTOPILOT

#### **APPLICATIONS**

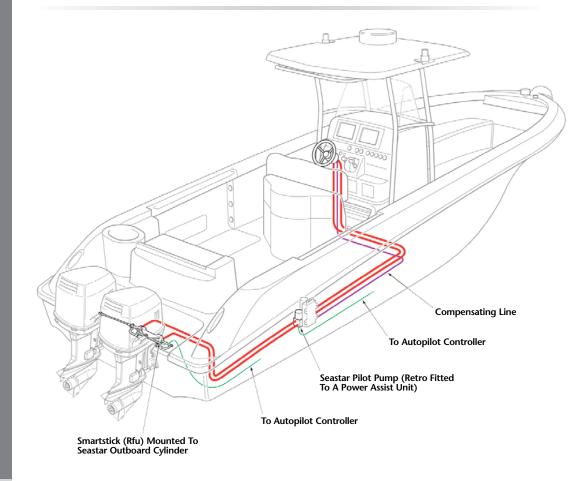
Converts manual hydraulic steering for dramatic reduction in steering wheel torque and at the same time provides a pump for an autopilot installation.

#### **FEATURES**

- Autopilot ready a single installation (i.e. no need to break into system for install of pump)
- Converts manual hydraulic steering to power steering
- Dramatic reduction in steering wheel torque
- Easy installation
- OEM or Retrofit
- Simple add on to an existing SeaStar manual system
- (from 1.4-2.4 SeaStar helm pumps)
- Compatible with power purge system
- Ignition protected (SAE J-1171)
- ABYC, CE, NMMA, ISO 10592 Approved
- Replaces other 12 & 24 volt systems

The SeaStar Power Assist Autopilot pump is the standard power assist product with the addition of a Type 1 or Type 2 autopilot pump. The SeaStar Autopilot pump is a fixed flow, reversible pump set that uses an internal hydraulic gear pump, producing very little vibration or noise.

It is offered in 12 and 24 volt configurations, as well as two different pump sizes (type 1 & type 2).



Issue Date - Nov 2013 Issue Number - pas3









# **SEASTAR POWER ASSIST AUTOPILOT**

## **SPECIFICATIONS**

Voltage 12 or 24 volts  Fittings Compatible w/ Standard SeaStar Hoses (HO51xx)  WIRE DETAILS  Length 24"  Gauge 12 awg  Connector None - Bare Leads  Oil Compatibility SeaStar Steering Fluid (MIL 5606)  Weight 4.9 lbs (2.2 kg)  Autopilot Pump Sizes Type 1: 60 in3/min (no-load)	c etc)	
WIRE DETAILS  Length 24"  Gauge 12 awg  Connector None - Bare Leads  Oil Compatibility SeaStar Steering Fluid (MIL 5606)  Weight 4.9 lbs (2.2 kg)  Autopilot Pump Sizes Type 1: 60 in3/min (no-load)	c etc)	
Length 24"  Gauge 12 awg  Connector None - Bare Leads  Oil Compatibility SeaStar Steering Fluid (MIL 5606)  Weight 4.9 lbs (2.2 kg)  Autopilot Pump Sizes Type 1: 60 in3/min (no-load)		
Gauge 12 awg  Connector None - Bare Leads  Oil Compatibility SeaStar Steering Fluid (MIL 5606)  Weight 4.9 lbs (2.2 kg)  Autopilot Pump Sizes Type 1: 60 in3/min (no-load)		
Connector  None - Bare Leads  Oil Compatibility  SeaStar Steering Fluid (MIL 5606)  Weight  4.9 lbs (2.2 kg)  Autopilot Pump Sizes  Type 1: 60 in3/min (no-load)		
Oil Compatibility SeaStar Steering Fluid (MIL 5606)  Weight 4.9 lbs (2.2 kg)  Autopilot Pump Sizes Type 1: 60 in3/min (no-load)		
Weight 4.9 lbs (2.2 kg)  Autopilot Pump Sizes Type 1: 60 in3/min (no-load)		
Autopilot Pump Sizes Type 1: 60 in3/min (no-load)		
	Type 1: 60 in3/min (no-load)	
Type 2: 100 in3/min (no-load)		
Maximum Pressure 1000 psi		
Typical Current Draw 12V Type 1: 4 – 8 amps		
(Depending on Application) 12V Type 2: 5 – 11 amps		
24V Type 1: 2 – 4 amps		
24V Type 2: 3 – 6 amps		
AUTOPILOT PUMP CYLINDER CAPACITY		
Type 1 4.9 in3 - 12.5 in3		
Type 2 12.5 in3 - 21 in3		

#### **ORDER INFORMATION**

ORDER INFORMATION	PART No.
(SeaStar PA unit complete with Pilot Pump fitted)	
Standard SPA + type 1 12V pump	PA6010
Standard SPA + type 2 12V pump	PA6020
Standard SPA + type 1 24V pump	PA7010
Standard SPA + type 2 24V pump	PA7020

Issue Date - Nov 2013 Issue Number - pas3



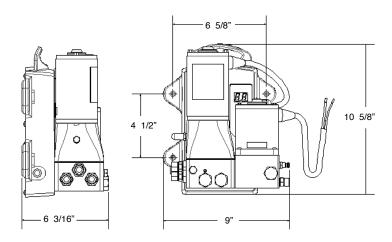


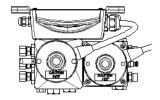




# **SEASTAR POWER ASSIST AUTOPILOT**

## **TECHNICAL DATA**





Issue Date - Nov 2013 Issue Number - pas3





