THE BENEFITS OF OCTOPUS REVERSING PUMPS

- PISTON PUMP

**RELIABLE** - Patented piston pump technology with only three moving parts

**TWICE THE POWER** - Delivers over twice the hydraulic output per watt of input

**ADJUSTABLE FLOW RATE** - Configure performance to suit your vessel

**EASY SERVICING** - Shut off valves allow removal without draining steering system

- Gear Pump

**HIGH EFFICIENCY** - Industry leading efficiency minimizes power consumption

**LOW NOISE** - New design offers significantly quieter operation

**LIGHTWEIGHT & COMPACT** - Small footprint offers greater installation flexibility

**WIDE RANGE OF PRODUCTS** - From 600 to 1600cc/minute, 12v and 24v options

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**SELECTION GUIDE**

<table>
<thead>
<tr>
<th>PART No.</th>
<th>FLOW RATE (Adjustable)</th>
<th>CYLINDER RANGE</th>
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<tr>
<td>OCTAFG0612</td>
<td>600cc/min</td>
<td>6-9 ci CYLINDER</td>
</tr>
<tr>
<td>OCTAFG0612</td>
<td>1000cc/min</td>
<td>10-15 ci CYLINDER</td>
</tr>
<tr>
<td>OCTAFG0612</td>
<td>1600cc/min</td>
<td>16-24 ci CYLINDER</td>
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- Available in 12 Volts or 24 Volts

**pinpoint accuracy...**

**... maximum performance!**
Hydraulic Constant Running Pumps

SUITABLE FOR COMMERCIAL VESSELS AND LARGER YACHTS

POWERFUL - Suitable for steering cylinders up to 200cu in (3500cc)
ECONOMICAL - High performance, low power consumption, compact design
FULLY INTEGRATED DESIGN - No complicated external pipes or fittings to break or leak

CRA PUMPSETS

- For steering cylinders up to 65cu in (1000cc)
- Available in 12 Volts or 24 Volts

CRB PUMPSETS

- For steering cylinders up to 200cu in (3500cc)
- DC models: 12v, 24v
- AC models: 110v or 220v single phase
  220v, 460v or 575v three phase

power & reliability
whenever you need it

For complete product details please visit our website:
www.octopusdrives.com
www.octopuseurope.com
Hydraulic Linear Drives

POWERFUL, EFFICIENT DRIVES FOR SAILBOATS

RELIABLE - Only three moving parts, increasing reliability

EFFICIENT - Three times more efficient, half the battery consumption

ADJUSTABLE FLOW RATE - Configure performance to suit your vessel

LAM MOUNTED STYLE

LAR REMOTE STYLE

<table>
<thead>
<tr>
<th>DRIVES Order Codes</th>
<th>AVERAGE / MAX CURRENT (Piston pump efficiency will reduce actual consumption)</th>
<th>FEATURES</th>
<th>PERFORMANCE</th>
<th>YACHT SELECTION</th>
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<tr>
<td>1012LAM7 1012LAR7</td>
<td>4 – 6A / 19A</td>
<td>Volts</td>
<td>Cylinder Bore</td>
<td>Variable Flow Rate</td>
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<td>1024LAM7 1024LAR7</td>
<td>2 – 3A / 10A</td>
<td>12V</td>
<td>38MM</td>
<td>500cc - 1 litre/min</td>
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<tr>
<td>1212LAM12 1212LAR12</td>
<td>4 – 6A / 19A</td>
<td>24V</td>
<td>38MM</td>
<td>600cc - 1.2 litre/min</td>
</tr>
<tr>
<td>1224LAM12 1224LAR12</td>
<td>2 – 3A / 10A</td>
<td>12V</td>
<td>38MM</td>
<td>600cc - 1.2 litre/min</td>
</tr>
<tr>
<td>2012LAR9</td>
<td>6 – 8 / 22A</td>
<td>12V</td>
<td>45MM</td>
<td>1 - 2 litres/min</td>
</tr>
<tr>
<td>2024LAR9</td>
<td>3 – 4A / 11A</td>
<td>24V</td>
<td>45MM</td>
<td>1 - 2 litres/min</td>
</tr>
<tr>
<td>2012LAR12</td>
<td>6 – 8 / 22A</td>
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<tr>
<td>2024LAR12</td>
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<td>45MM</td>
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half the consumption
twice the range!
COMPACT AND CONVENIENT SOLUTION

DISCREET INSTALLATION - All components mounted out of sight

EASY TO FIT - Can be located in very small spaces

PERFORMANCE - Responsive drive, little feedback resistance in Standby Mode

IDEAL FOR INBOARD ENGINED BOATS UP TO 32ft (10m) - 13,200lbs (6,000kg)

OCTAFMDRESYS Sailboat Drive-Inboard System - 8” stroke (up to 32 feet or up to 13200lbs)
OCTAFMDRSSYS12 Sailboat Drive-Inboard System - long stroke(12”) (up to 38 feet or up to 15400lbs)
OCTAFMDRSSYS Sailboat Drive-Inboard System - short stroke (9”) (up to 38 feet or up to 15400lbs)
UNIQUE PILOT DRIVE FOR STERNDRIVE APPLICATIONS

LOW COST SOLUTION - No need to change to hydraulic steering
EASY TO FIT - Simple to install kits
TIME SAVING - Rudder feedback option mounts directly on drive
SAFE - Manual override without disengaging the autopilot

COMPATIBLE WITH ALL MAJOR AUTOPILOT BRAND ELECTRONICS

STRAIGHTFORWARD INSTALLATION
The Type R Remote Drive System makes sterndrive installations easy for both single or dual engine systems. The installation kit simply clamps to the steering cylinder with no drilling or cutting required. Two packs are available to suit the most common Mercruiser and Volvo-Penta sterndrive systems.

OCTAFMDRESYS B  Sterndrive System-Mercrusier from 1983-93, European Volvo Diesel from 1994

• Kits available with 6 or 9 ft steering cable
**UNIQUE AUTOPILOT DRIVES FOR CABLE STEERED BOATS**

**PROFESSIONAL SOLUTION** - Replaces manual helm with a manual helm/autopilot drive combination

**LOW COST SOLUTION** - No need to change to hydraulic steering

**EASY TO FIT** - Simple to install kits

**TIME SAVING** - Rudder feedback option mounts directly on drive

**TYPE S BEHIND DASH DRIVE**
The Straight shaft drive unit replaces the manual drive used on cable steered boats and is mounted directly behind the dash.

**TYPE T TILT BEHIND DASH DRIVE**
It uses the front end from Teleflex SH91800 (not supplied).

For complete product details please visit our website:

www.octopusdrives.com
www.octopuseurope.com
Accessories & More

OCTOPUS HYDRAULIC STEERING FLUID

Engineered for use in all Hydraulic steering systems

- ISO 15 low temp mineral hydraulic fluid
- Corrosion inhibited
- Oxidation resistant
- Excellent anti wear performance
- Made in Canada by Canada Metal Pacific Ltd

PID 1 Gallon (4/case): OCTOIL1USG
PID 1USQ (12/case): OCTOIL1USQ

OCTOPUS HOSE AND FITTING KIT

 Makes Autopilot Installation a breeze

Essential option for any Pilot installation, includes NPT and ORB fittings to work with 2014 or newer Seastar Helms

PID OC17SUK42 - 30” Hose and Fitting Kit, including ORB and NPT Helm Fittings

MECHANICAL DRIVE ACCESSORIES

OC15SUK10 90 degree Bezel Mounting Kit for Type S Straight Shaft Drive

OC15SUK07 Steering Cable Adapter Kit for TFX SSC72, Uflex M47, Morse 304415

OC15SUK08 Steering Cable Adapter Kit for TFX SSC62, Uflex M66

OC15SUK16 Spacer Kit x 19mm for 90° Bezel Kit
OC15SUK18 Spacer Kit x 13mm for TFX Performance Tilt Mechanism (Type T)

OPTIONAL RUDDER FEEDBACK UNIT

One of the most complex and time-consuming aspects of autopilot installation is fitting the rudder feedback unit, ensuring that the geometry matches the full range of rudder movement. The Octopus rudder feedback unit solves these problems as it mounts directly to the drive unit itself.

RUDDER FEEDBACK MODULES

OC15SUK27A For Comnav & Sitex Autopilots
OC15SUK27B For Raymarine Autopilots
OC15SUK27D Rudder Feed Back Potentiometer Module - Coursemaster
OC15SUK27E Rudder Feed Back Potentiometer Module - Garmin, Furuno, TMQ and Simrad
OC15SUK83 Simrad Resistance to Frequency Conversion Kit - Required for Simrad NAC3, AC12 and AC42

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Fax: 1-604-952-2650
Email: sales@octopusdrives.com
Website: www.octopusdrives.com

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