

# G2 SECOND GENERATION



HYDRAULIC REVERSING

**GEAR PUMPS** 



# Our New Gear Pump Offers Industry Leading Reliability and Performance in a Smaller, Lighter, Quieter Package.

**High Efficiency** – G2's smaller gear diameter minimizes oil leakage at bearing faces thus improving volumetric efficiency.

**Low Noise** – New industry design offers significantly quieter operation

**Light Weight & Compact** – Small footprint offers greater installation flexibility

Wide Range Of Products – From 600 to 3000cc/min, 12v and 24v options

**5 Flow Options: 0.6** lpm 12v & 24V Pumps

**1** lpm 12v & 24V Pumps

**1.6** lpm 12v & 24V Pumps

**2** lpm 12v & 24V Pumps

**3** lpm 12v & 24V Pumps

**Hydraulic Ports:** 1/4" NPT

Voltage: 12Vdc or 24Vdc

Max Pressure: 55 bar

**EMC Compliance to:** EN 60945:2002

**Ingnition Protection to:** EN ISO 8856:2017/ISO 8846:1990

**SAE J1171** 

Motor Protection: IP55

Motor Type: Permanent Magnet Environmental: RoHS 2 Compliant

2011/65/EU & EU/2015/863

**Motor Brush life:** 4000+ hrs under normal use

**Lead Wire:** 650mm Long: UL1015 105°C AWG#16 (1.5mm2)

Finish: Powder coated body

## **Professional Solutions for Hydraulically Steered Boats**

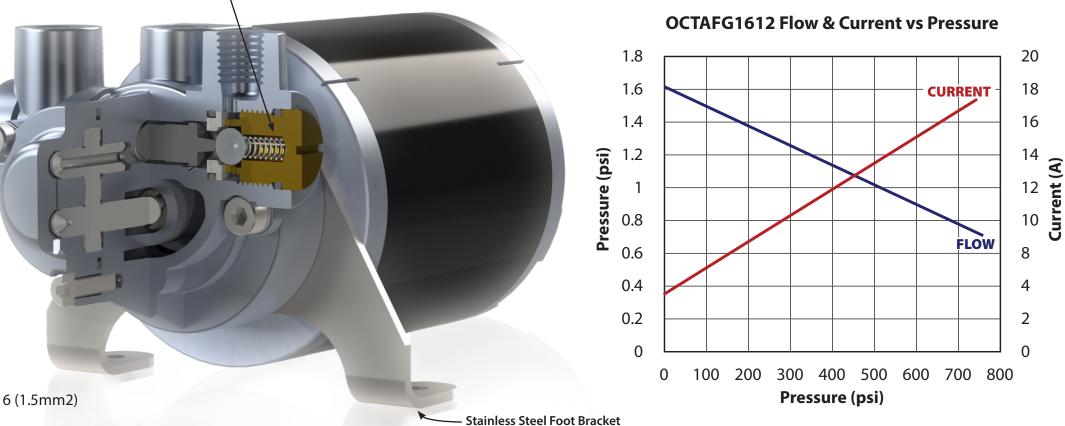
Industry Leading Efficiency – lower power consumption, particularly under demanding conditions requiring higher flow rates equates to a major advantage over competing units.

Cost Savings – the increased efficiency and performance means the pumps can be used with smaller autopilot course computers than equivalent drive units.

The smaller footprint of the compact gear pump increases installation flexibility.

Lower noise and vibration make the gear pump particularly suitable for sailboat installations.

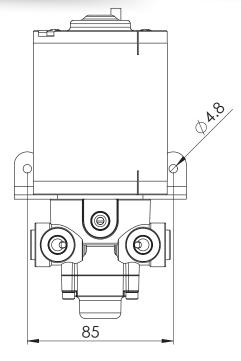
Suitable for balanced or unbalanced cylinders.

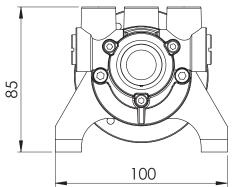


						STEERING RAM DISPLACEMENT cm3 (cu.in)																		
Nominal Flow		Weight (kg)	12Vdc	24Vdc	98	131	164	197	230	262	295	328	361	394	426	459	492	525	558	590	623	656	СС	
		(kg)				(6)	(8)	(10)	(12)	(14)	(16)	(18)	(20)	(22)	(24)	(26)	(28)	(30)	(32)	(34)	(36)	(38)	(40)	cu.in
0.6	5	lpm	1.2	OCTAFG0612	OCTAFG0624																			
1		lpm	1.9	OCTAFG1012	OCTAFG1024																			
1.6	5	lpm	2.0	OCTAFG1612	OCTAFG1624																			
2		lpm	2.1	OCTAFG2012	OCTAFG2024																			
3		lpm	3.0	OCTAFG3012	OCTAFG3024																			

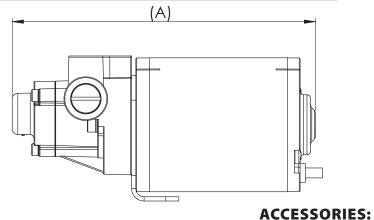
**Dual Lock Valve** 







LN	MODEL	OAL (A) (mm)					
1	OCTAFG0612	157					
2	OCTAFG0624	184					
3	OCTAFG1012	168					
4	OCTAFG1024	186					
5	OCTAFG1612	176					
6	OCTAFG1624	189					
7	OCTAFG2012	178					
8	OCTAFG2024	191					
9	OCTAFG3012	214					
10	OCTAFG3024	214					



Fitting Kit OC14342 – 3x 10mm Tube Compression Fittings

Hose and fitting Kit OC17SUK42 – 3 x 760mm Hoses with assortment of fittings for both NPT and ORB helm connections

### **OCTOPUS PRODUCTS**

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