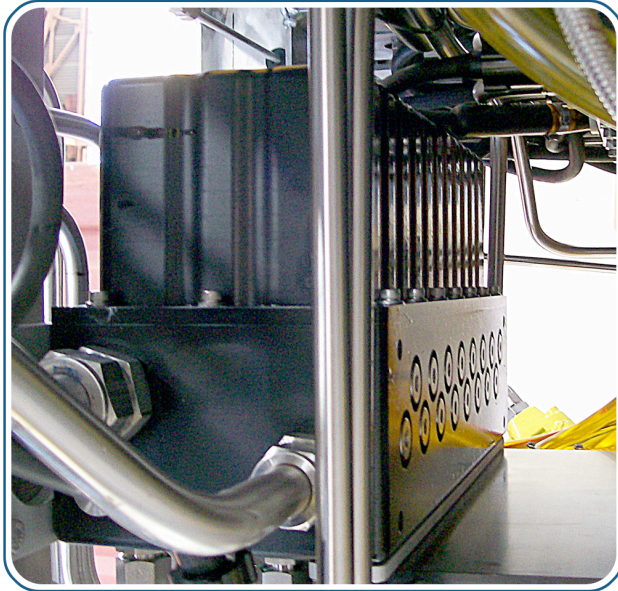


Thruster Manifold



Features

- 8 Function Manifold
- Wandfluh Valves
- Proportional Flow Control
- Load holding
- Pressure to 5000 psi (345 bar)
- Adjustable pressure relief of each function
- ORB ports, no NPT
- ORB capped cross porting, all field serviceable
- Common OR independent electrical compensation

Available Options

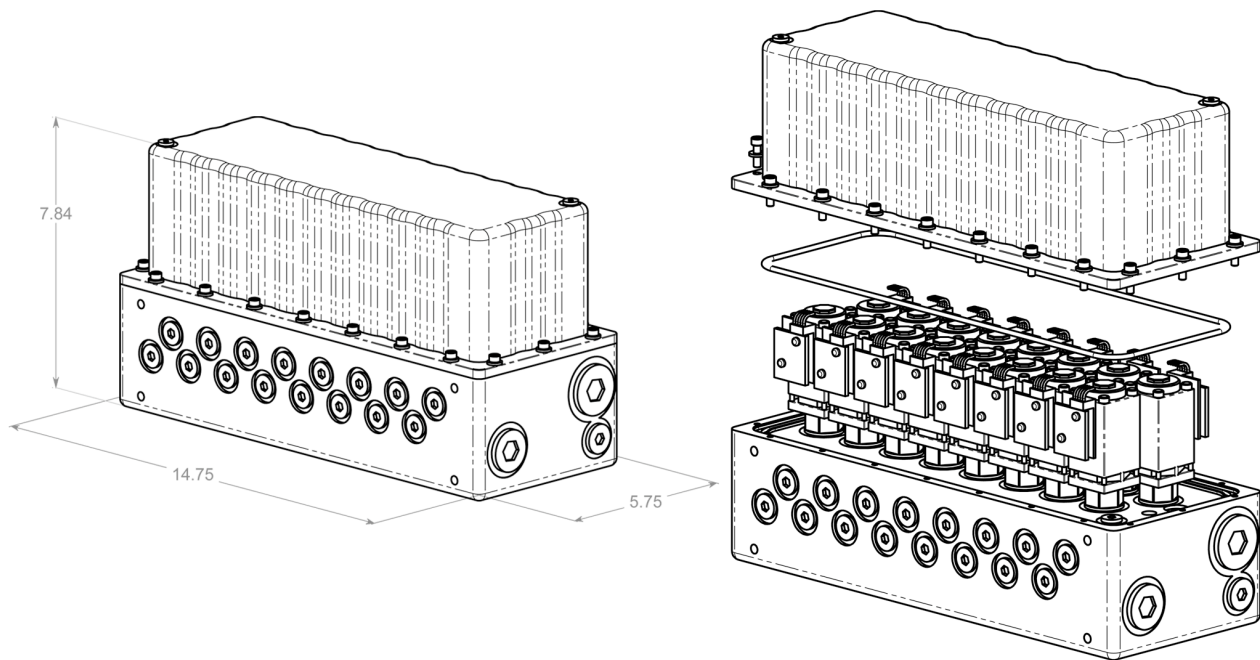
- Custom number of Functions
- Elimination of pressure regulation function
- Filtration onboard the manifold
- Choice of fitting type or no fittings
- Use DOER control boards or your own

Description

An eight function manifold with proportional pressure control. Efficient porting layout means a very weight efficient package. It is available with a variety of tube fitting options. Better thruster control at a fraction of the cost of servo valve actuation.

Proportional pressure control results in better and safer control of hydraulic thrusters. Valves are rated to 3500m (11480 ft). All valves are protected from saltwater corrosion, and all manifold components are machined and hard black anodized 6061-T6 aluminum, resulting in a very durable system.

Specifications



Hydraulic Specifications

- Proportional Thruster Control
- 10 GPM max Flow per Valve
- 35 GPM max manifold flow
- Operates up to 5000 psi (345 bar) System Pressure
- Independent Case Drain Plumbing
- ORB ports, no NPT
- ORB capped cross porting, all field serviceable
- Common OR independent electrical compensation

Electrical Specifications

- 0.7 A max at 24 VDC or 1.2 A at 12 VDC each function
- 100Hz response per valve
- Electronics tested to 3500 meters (11480 ft)
- Choice of electrical connectors

Environmental Specifications

- 3500 meter (11480 ft) depth
- Operating Temperature exceeds Hydraulic Oil temp range and will meet all undersea use
- Storage Temperature -10 F to 140 F (-23 to 60 C)

Physical Specifications

- Weight 26 lbs. (11.8 kg)
- Size 14.75" X 5.75" X 7.34" (37.5cm x 14.6cm x 18.6cm)
- T6061 Anodized Aluminum

All specifications subject to change



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