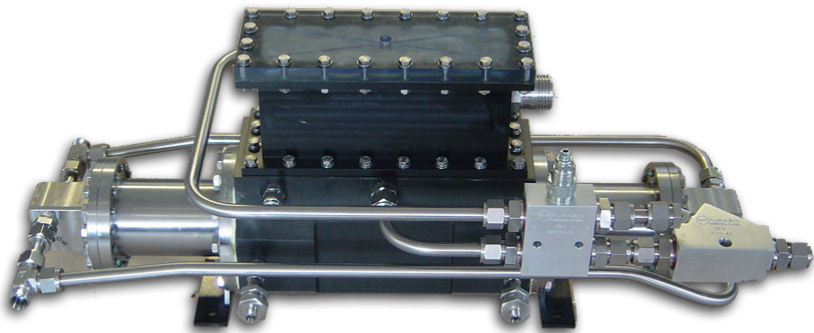


Multifluid Pump

Pumping & Injection Systems.



DESCRIPTION

The multifluid pump is a self-cycling double piston hydraulic unit. The assembly includes an internal directional valve and a pressure tolerant auto-reverse electrical timing circuit. It simply requires driving oil supply and a 24V signal from the ROV. An alternative option is available for an all hydraulic pump, this requires no electrical current to operate, only supply and

The system was developed for the specific needs of both reliable fluid injection and deepsea buoyancy tank pumping from an ROV. It has specific ROV details such as double barrier sealing with venting, debris tolerance and materials for seawater use. It can operate either as a normal pump to deliver high pressures or as a suction pump to deliver high relative suction in deep sea conditions.

The tool uses a high specification drive motor for consistent torque output characteristics, even if used with direct hydraulic pressure control without the feedback sensor.

FEATURES

High Pressure or Suction

+/- 300 Bar

3000 m Rated

Light Weight (26 kg in water)

Multifluid Pump

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SPECIFICATIONS

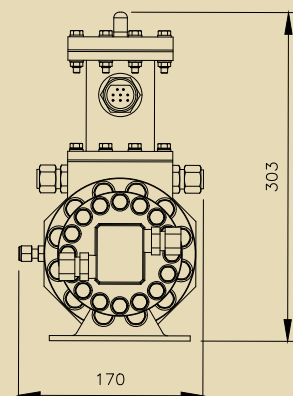
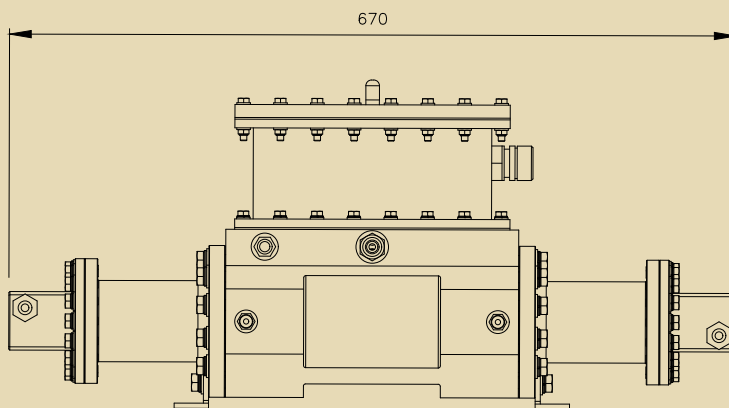
Hydraulic Input	Pressure 210Bar (3000psi) Flow 30 LPM
Hydraulic Output	Pressure 300Bar Flow 10Lmin
Suitable for:	Seawater Glycol Mineral Oils
Weight in air	36kg
Weight in water	32kg

WHAT'S IN THE BOX

Multifluid Pump
Operations & Maintenance Manual.

PART NUMBERS & OPTIONS

A063-033-151	Hydraulic Control Multifluid Pump.
A063-033-002	Electical Control Multifluid Pump.



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