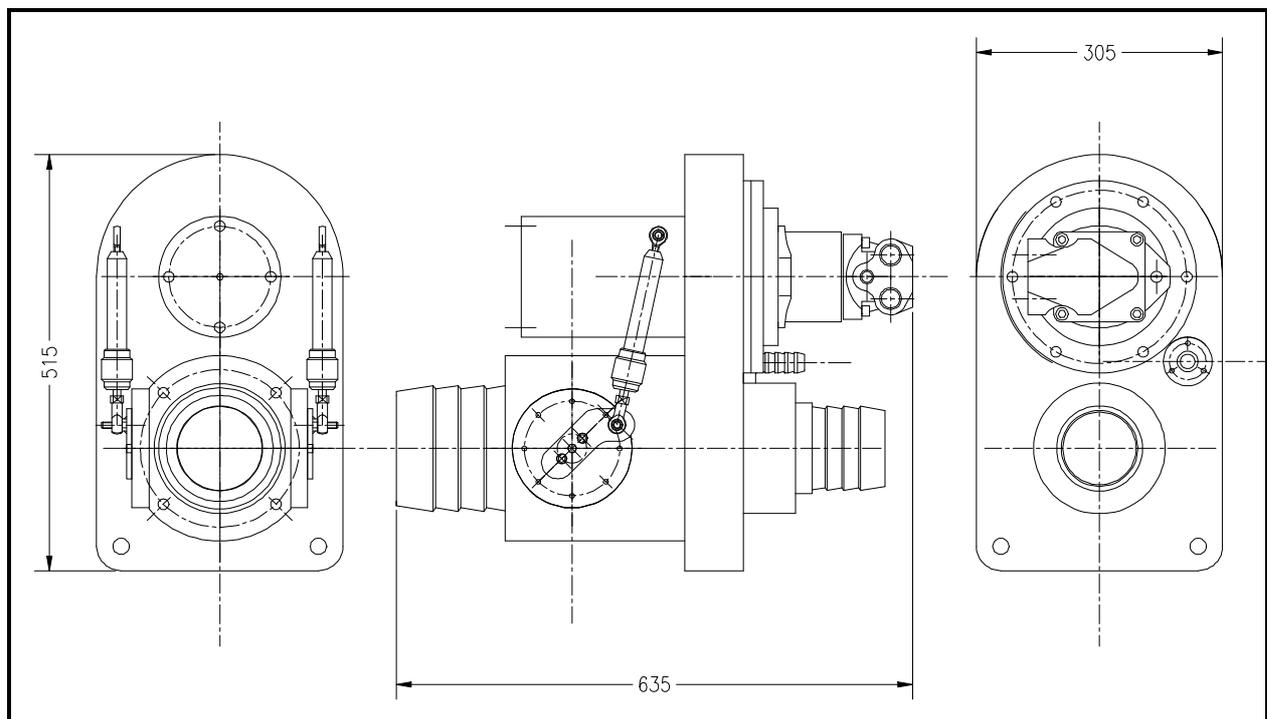


ZJS-100 ROV Dredge Pump

The ZJS-100 is a 4" eductor type suction dredge pump with a selectable simultaneous jetting capability designed for use on modern high powered Work class ROVS.

The pump is fitted with a new generation of impeller to maximise performance. The power water intake is fitted with an integral pre-swirl strainer primarily to improve efficiency with the advantage of removing the need for an inlet hose and strainer. A heavy duty suction reversal valve permits a blocked suction nozzle to be backflushed and rapidly cleared of debris. The construction makes maximum use of modern engineering plastics to minimise both the "in air" and "in water" weights.



Working Hoses

Suction	4" (100mm)
Discharge	6" (150mm)
Jet Nozzle	10mm to 20mm
Jet Hose	1" (25mm)

Performance

Water Suction	up to 250 m ³ /hr
Solids Removal	up to 30 tonnes/hr
Jetting flow	up to 90 m ³ /hr
Jet Pressure	up to 14 bar

Hydraulic Input

Flow	90 to 145 l/min
Pressure	175 to 275 bar

Physical Properties

Dimensions	635mm x 515mm x 305mm
In air weight	47 kg
In water weight	19 kg

Optimisation

There are a range of impellers and eductor nozzles available to permit the pump to be configured for optimum performance on any given ROV. The configuration should be confirmed at time of order. The performance depends upon the hydraulic flow and pressure available from the ROV and the pump impeller/eductor configuration.

Specifications are subject to change due to a policy of continuous improvement.
Please confirm current build standard at time of order.

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