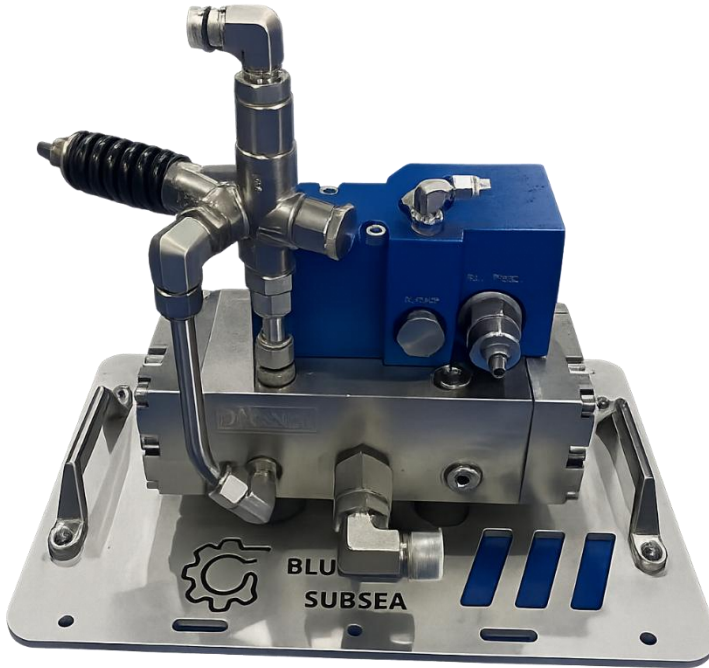


BRS-RT-003

520bar ROV HP Water Jet



Key Features

Based on industry-proven high efficiency Dynaset HPW520 pump.

Pressure-compensated flow control feature. Consistent performance across any supply pressure range.

Compact design. Less ROV real-estate required.

HP-side unloader/relief valve for safety.

Integrated Pilot-to-Open check Valve. No need for dedicated High-flow valve pack channel from ROV.

Turbo nozzle as default.

Product Overview

The BRS 520bar ROV HP Water Jet is designed based on the industry-standard Dynaset HPW520 pump, providing reliability and high efficiency performance, ideal for any subsea cleaning tasks. It's compact integrated "one-piece" design reduces the requirement of valuable real-estate on ROVs.

The unit incorporates a pressure-compensated flow control system, providing consistent performance across any supply pressure range. Flow can be adjusted to the optimum level, according to the ROV supply limits. A Pilot-to-Open check valve is included in the circuit as well, removing the need for a dedicated switchable High-flow channel from the ROV.

Disclaimer: This datasheet serves as reference only. Actual dimensions and specifications may differ from the details stipulated in this document. Actual specification to be confirmed with Blue Ring Subsea on case-to-case basis.

www.blueringsubsea.com

sales@blueringsubsea.com



BLUE RING
SUBSEA

BRS-RT-003

520bar ROV HP Water Jet



Mechanical

Overall Dimensions (base module only, including base plate) 450mm (L) x 300mm (W) x 360mm (H)

Weight (base module only, excluding hoses and nozzle)
In Air 24 kg
In water 21 kg

Depth rating 3000m

Fluid compatibility Seawater, Hydraulic Oil, Glycol

Hydraulic

Max Supply Pressure 206bar (3000psi)

Max Supply Flow 85 LPM (22.4 GPM)

Max Outlet Pressure 520 bar (7500 psi)

Max Outlet Flow 30 LPM (7.9 GPM)

Hydraulic Supply -12 JIC

Hydraulic Return -12 JIC

Pilot -4 JIC

Suction Port 3/4" BSPP

Standard Package

One (1) Pair of BRS Survey Boom Arms c/w BRS Hydraulic P&T Units

One (1) complete set of operational hoses for each function.

Standard spares kit

One (1) Suction filter/strainer

One (1) HP Turbo Nozzle c/w ROV D-Handle

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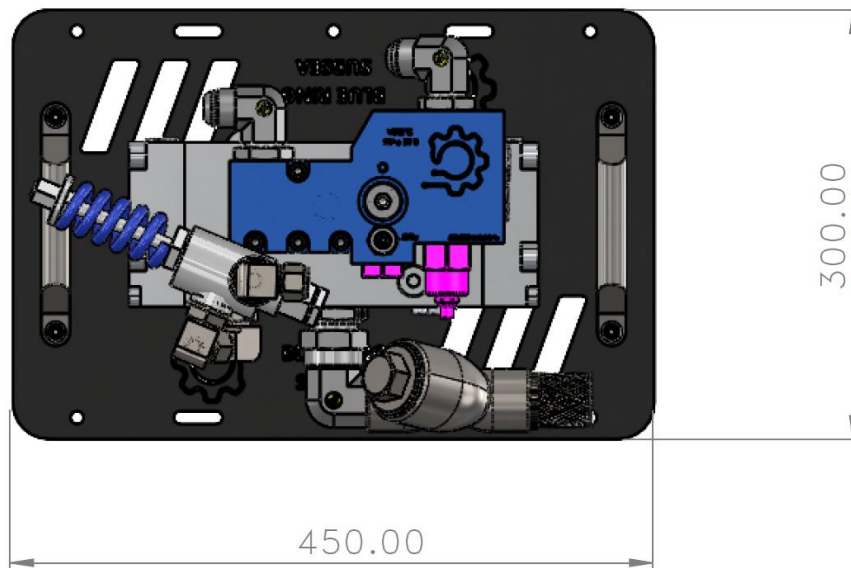
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