

# BRS-RT-001

## Hydraulic Pan & Tilt



### Key Features

Simple installation and operations

Construction using corrosion resistant materials

Robust design

Ports located on “static” section. No moving hydraulic connections

External hard tubing interconnection to for better in-field serviceability

## Product Overview

The BRS Hydraulic Pan & Tilt (BRS P&T) is a simple, straight-forward hydraulically actuated pan & tilt unit, designed for use on ROVs in harsh subsea environments. 4 x 9mm mounting through holes are available on the base, allowing flexible installation configurations.

The BRS P&T unit design is based on practicality and simplicity, with component placement to reduce snag and abrasion hazards towards cables and hoses. M5 threaded holes are available on the sides on the body of the P&T unit to allow placement of cable management fasteners.

**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.

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**BLUE RING**  
SUBSEA

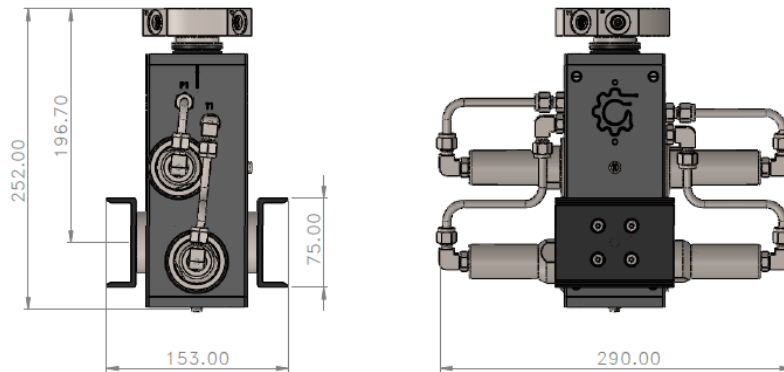
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### Mechanical

<b>Overall Length</b>	290mm
<b>Height (from base)</b>	252mm
<b>Width</b>	153mm
<b>Weight</b>	
In Air	6.5 kg
In water	4.8 kg
<b>Depth rating</b>	3000m
<b>Envelop of Motion</b>	
Pan range	360° (adjustable)
Tilt range	360° (adjustable)
<b>Payload</b>	
Total payload	12kg
Single-side	7kg



### Hydraulic

<b>Max Working Pressure</b>	206bar (3000psi)
<b>Pan port connections (P1 &amp; P2)</b>	-4 (7/16") SAE ORB
<b>Tilt port connections (T1 &amp; T2)</b>	-4 (7/16") SAE ORB
<b>Compensation port connection (C)</b>	-4 (7/16") SAE ORB

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