

# MANIPULATOR PRESSURE RELIEF VALVE BLOCK

ATLAS  
RIGMASTER  
KYSTDESIGN



## Description

Relief Valve Block are designed for crash protection for the manipulators. If the arm is subjected to forces exceeding its design limits, the valves will open and release hydraulic oil back to the tank.

The Relief Valve Block is equipped with 6 Pre-adjusted valves and are designed to fit onto the Atlas Manipulator between the hydraulic bulkhead and manipulator base.

## Features

- Direct Operated PRV
- Easy Integration to Manipulator
- Azimuth, Shoulder and Elbow protection.

■ The specification details are illustrative for marketing purpose only. Actual equipment may be different as a result of product improvement or other reasons. Specific interface and performance information should be reconfirmed at time of order placement. Envirent AS, Robotvegen 16, 4340 Bryne, +47 477 77 500, sales@envirent.no

# SPECIFICATIONS

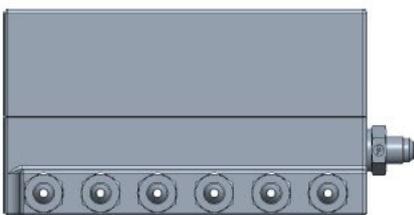
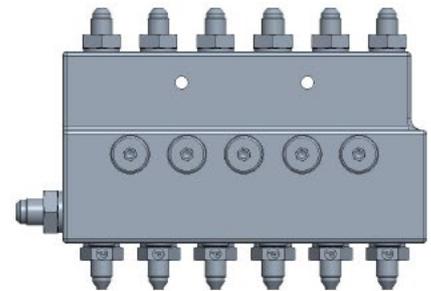
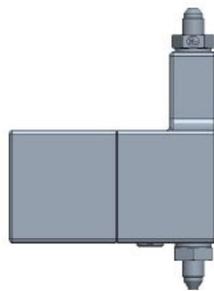
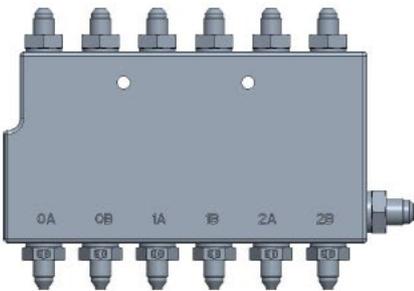
## MANIPULATOR PRESSURE RELIEF VALVE BLOCK

### General Technical Specifications

|                      |   |
|----------------------|---|
| Type                 | Manipulator Pressure Relief Valve Block |
| Part Number          | ARM-PRVB                                |
| Dimensions L x W x H | 190 mm x 100 mm x 110 mm                |
| Weight in air        | 3,5 kg                                  |

### Hydraulic Interface

|                     |       |
|---------------------|-------|
| Connection Azimuth  | JIC 4 |
| Connection Shoulder | JIC 4 |
| Connection Elbow    | JIC 4 |
| Connection Return   | JIC 4 |



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### Inventory List:

Items listed in Inventory List are delivered with the equipment as standard. Any additional equipment must be specified upon order.

| Item | Description | Total Qty | PN |
|------|-------------|-----------|----|
| 1.   |             |           |    |
| 2.   |             |           |    |
| 3.   |             |           |    |
| 4.   |             |           |    |
| 5.   |             |           |    |
| 6.   |             |           |    |
| 7.   |             |           |    |
| 8.   |             |           |    |
| 9.   |             |           |    |
| 10.  |             |           |    |

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