



Port details:

P: Flow from pump.  
A or B port on directional valve.

T: Flow to tank.  
A or B port on directional valve.

H: High pressure port to cylinder.

Z: Low pressure port to cylinder.

M: Connection for manometer.

1: miniBOOSTER: HC\_\_-\_\_-A-\_\_

2: Manifold

4: Sequence Valve  
Set: \_\_\_ bar

6: Relief Valve  
Set: \_\_\_ bar

7: Pilot Operated Check Valve

8: Check Valve

|   |                |                    |  |
|---|----------------|--------------------|--|
| Material                                    |                | Issue              | Material Code No.  |
| Changes<br>Replacement of drawing: 0-638-__ |                | Date<br>18-11-2013 | Name<br>BP   |
| Connection for manometer added.             |                | 20-12-2013         | BP   |
| Nomenclature changed.                       |                | 09-01-2013         | BP   |
|   |                |                    |  |
|   |                |                    | HV   |
| Designer                                    | Brian Petersen | Scale              | M-HC_-011  |
| Approved by                                 |                | Format             |  |
| Date  | 30-04-2013     |                    | Function Diagram   |
|   |                |                    | <small>Confidential: Property of miniBOOSTER HYDRAULICS A/S Denmark<br/>Not to be handed over to, copied or used by third party.</small><br> |
|   |                |                    | Drawing No.: 011-02  |