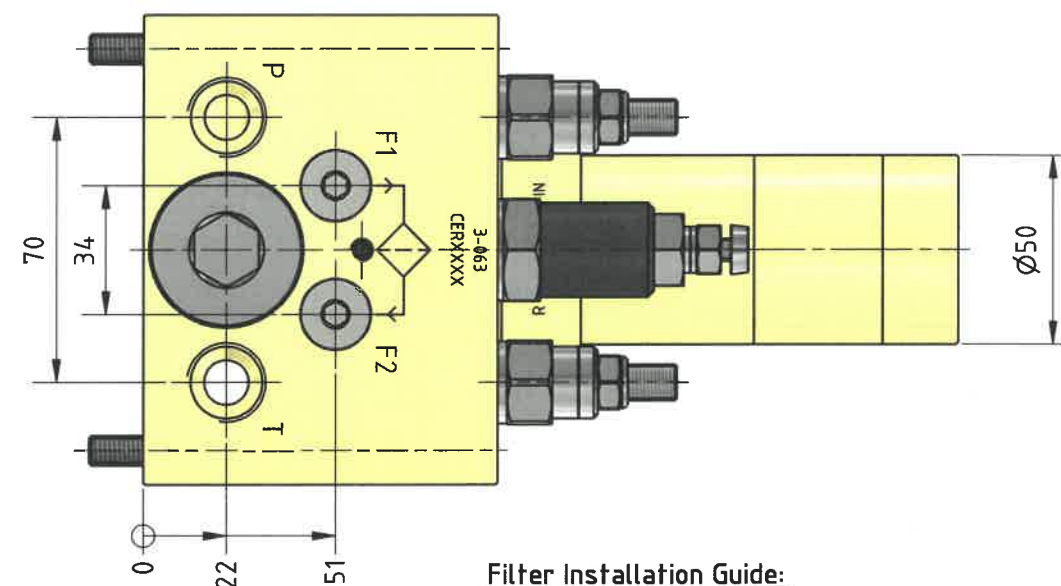
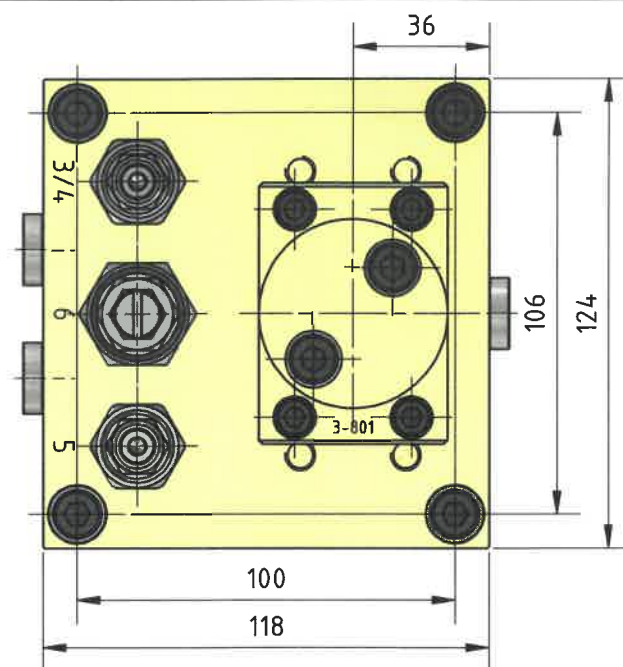
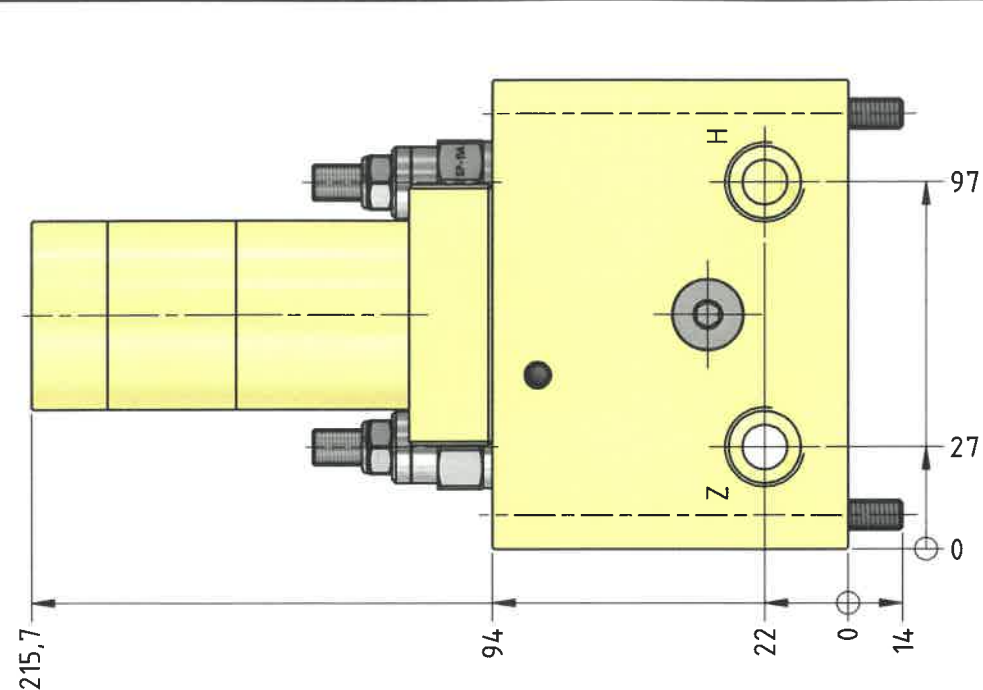


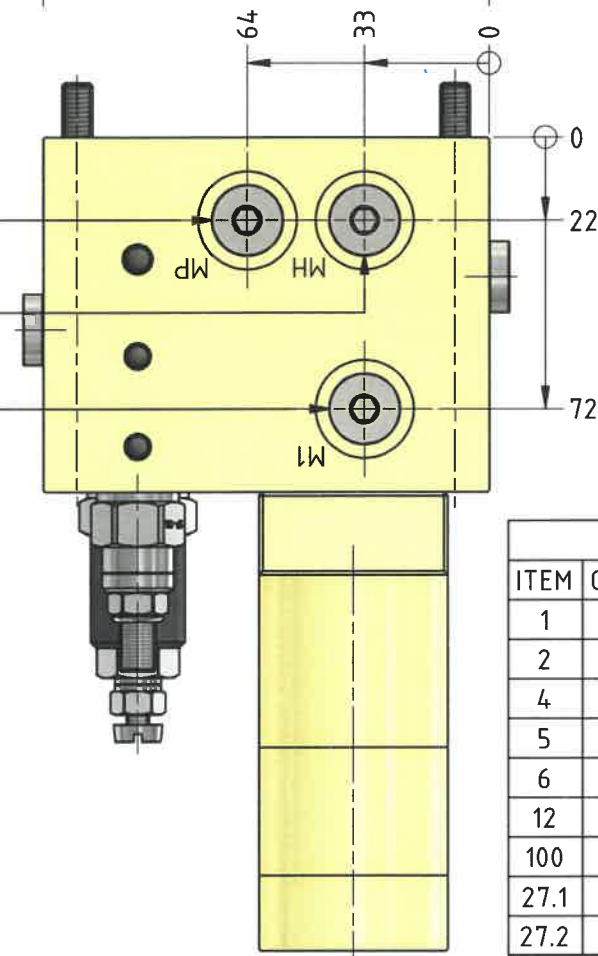


#### Manometer Connections:

MP: Pump Pressure

MH: Intensifier Outlet Pressure

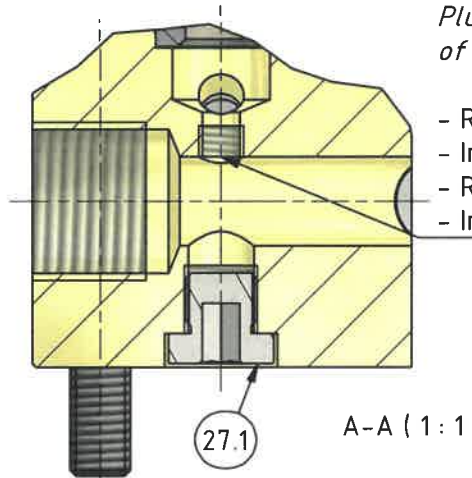
M1: Intensifier Inlet Pressure



#### Filter Installation Guide:

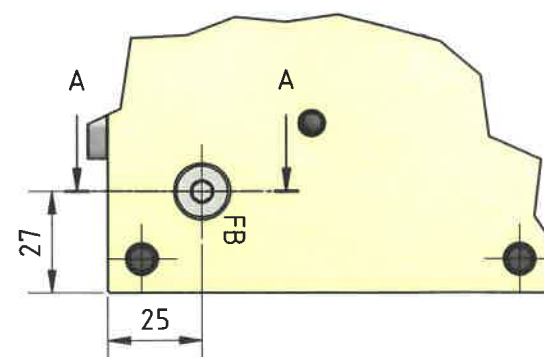
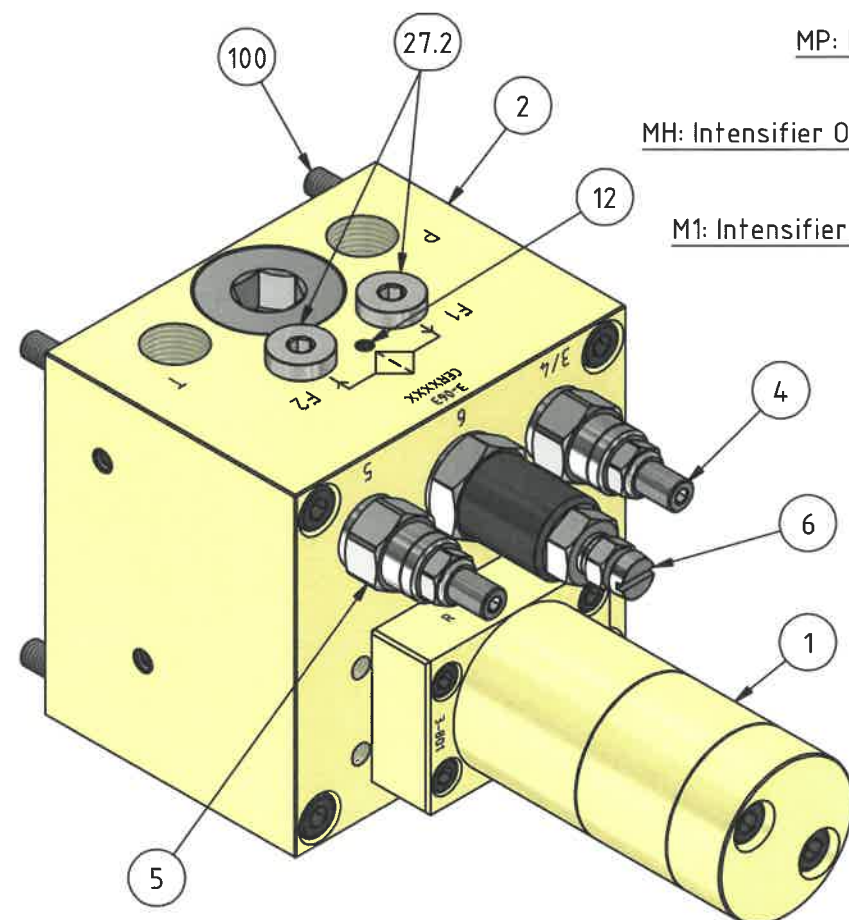
Plug installation position for bypass of oil to filter connection F1 & F2.

- Remove plug 12 from rest position
- Install plug 12 behind plug 27.1 in port connection FB
- Remove plugs 27.1 & 27.2 from port connections F1 & F2
- Install filter between port connections F1 & F2



#### Port Connections:

P, T, Z & H: 1/2" BSPP  
M1, MP & MH: 1/4" BSPP  
FB: 1/8" BSPP



| PARTS LIST |     |              |                                     |                      |
|------------|-----|--------------|-------------------------------------|----------------------|
| ITEM       | QTY | PART NUMBER  | DESCRIPTION                         |                      |
| 1          | 1   | HC3-__-__-D  | Hydraulic Booster                   |                      |
| 2          | 1   | 3-063        | Manifold                            |                      |
| 4          | 1   | W-SP11A-30CL | Sequence Valve (10.5-420 bar)       | 22mm 7/8" ~ 47 Nm    |
| 5          | 1   | W-PB11A-30AL | Pressure Reducing Valve (7-210 bar) | 22mm 7/8" ~ 47 Nm    |
| 6          | 1   | MVE 4 A      | Relief Valve (0-700 bar)            | 27mm ~ 80 Nm         |
| 12         | 1   | 4-621        | M6x6 DIN 913                        | Int. hex 3mm ~ 10 Nm |
| 100        | 4   | 3-615        | Bolt M8x100 12,9 DIN 912            | Int. hex 6mm ~ 38 Nm |
| 27.1       | 1   | 1-630        | Plug 1/8" BSPP incl. seal           | Int. hex 5mm ~ 15 Nm |
| 27.2       | 6   | 2-630        | Plug 1/4" BSPP incl. seal           | Int. hex 6mm ~ 38 Nm |

|                              |                |                    |                    |
|------------------------------|----------------|--------------------|--------------------|
| Material                     |                | Issue              | Material Code No.  |
| Changes                      |                | Date               | Name               |
| Manifold replaced with 3-063 |                | 09.08.2018         | L.H.               |
|                              |                |                    | Finish             |
|                              |                |                    | Break all edges    |
|                              |                |                    | Hardening depth    |
|                              |                |                    | HV                 |
| Designer                     | Brian Petersen | Scale              | 1 : 2              |
| Approved by                  |                | Format             | A3                 |
| Date                         | 14-03-2016     |                    |                    |
|                              |                | M-HC3-013-1L100    |                    |
|                              |                | Intensifier System |                    |
|                              |                | Assembly Drawing   |                    |
|                              |                | Drawing No.:       | M-HC3-013-1L100-01 |

