



Gauge 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 27.2 from port connections F1 & F2
- Install filter between port connections F1 & F2

Port Connections:

- P, T, Z & H: 1/2" BSPP
- F1, F2, M1, MP & MH: 1/4" BSPP
- FB: 1/8" BSPP

PARTS LIST

ITEM	QTY	PART NUMBER	DESCRIPTION	SW1	SW2
1	1	HC4-_-_-A-D4	Hydraulic Booster		
2	1	3-063	Manifold		
4	1	W-SP11A-30CL	Sequence Valve (10.5-420 bar)	22mm_7/8" ~ 47 Nm	Int. hex 4mm / 14.3mm
5	1	W-PB11A-30AL	Pressure Reducing Valve (7-210 bar)	22mm_7/8" ~ 47 Nm	Int. hex 4mm / 14.3mm
6	1	MVE 4 A	Relief Valve (0-700 bar)	27mm ~ 80 Nm	HEX 13mm
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 ~ 30 Nm	

Material		Issue	Material Code No.
Changes	Date	Name	Finish
Filter Installation Guide added. Valve 6: SW2 HEX 13 mm	02-02-2024	L.H.	Break all edges
			Hardening depth
			HV

Designer	Leif Hansen	Scale	1 : 2	M-HC4D4-013-1L100 Intensifier System Assembly Drawing	<small>Confidential: Property of miniBOOSTER HYDRAULICS A/S Denmark Not to be handled over to, copied or used by third party.</small>
Approved by	<i>[Signature]</i>	Format	A3		
Date	11-10-2023				
					Drawing No.: M-HC4D4-013-1L100-01