



**Filter Installation Guide:**

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

- Remove plug 12 from rest position between F1 & F2
- Install plug 12 behind plug 27.1 in the FB port at the bottom
- Remove plugs 27.2 from port connections F1 & F2
- Install filter between port connections F1 & F2
- Filter Ordering Code: FIL-SF1-1 4-CI-12 (1x) or FIL-SF2-1 4-CI-12 (2x)

**Port connections:**  
 P, T, Z & H: 1/2" BSPP  
 M<sub>P</sub>, M<sub>H</sub>, M<sub>I</sub>, F<sub>1</sub> & F<sub>2</sub>: 1/4" BSPP  
 F<sub>B</sub>: 1/8" BSPP

**PARTS LIST**

ITEM	QTY	PART NUMBER	DESCRIPTION	SW1	SW2
1	1	HC6D-__-A-D	Hydraulic Booster		
2	1	6D-831	Manifold		
3	1	W-PFA11A3D0340N-WN	Solenoid Valve 3/2 NC 350 bar	22mm 7/8" ~ 47 Nm	
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	6-621	M8x8 - DIN 913	Int. hex 4 mm ~ 10 Nm	
33	1	W-EC19A220HE-WN	Coil 12VDC 22W DIN43650		
35	1	B6A-AK666	Connector DIN 43650 Type A		
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	5	2-630	Plug 1/4" BSPP incl. seal	Int. hex 6mm ~ 30 Nm	

Material		Issue	Material Code No.
Changes MVE 4 A valve with hex head adj. screw. Parts list updated		Date 14-06-2024	Name L.H.
			Finish
			Break all edges
			Hardening depth
			HV
Designer	Leif Hansen	Scale 1:3	M-HC6D-012-1L100 Intensifier System Assembly Drawing
Approved by	<i>[Signature]</i>	Format A3	
Date	01-11-2022		
			<small>Confidential: Property of miniBOOSTER HYDRAULICS A/S Denmark Not to be handed over to, copied or used by third party.</small>  Drawing No.: M-HC6D-012-1L100-01