



P-LIGHT Hydro Comp 2kW, 7L. P/T or 1-3 valves.
För montering direkt på ramen / For mounting directly on the frame



P-LIGHT Hydro Pack 2.4kW, 13L. P/T or 1-3 valves.
Monteras i verktygslåda / Mounting in toolbox



P-LIGHT Hydro Pack 4.5kW, 13L. P/T or 1-3 valves.
Monteras i verktygslåda / Mounting in toolbox



P-LIGHT Hydro Pack 4.5kW, 22L. P/T or 1-3 valves.
Monteras i verktygslåda / Mounting in toolbox

P-LIGHT

Hydro Comp - Hydro Pack

Installation och bruksanvisning / Installation and Instructions for Use

Komponenter kan variera beroende på modell och utrustning. / Components may vary depending on model and equipment.

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P-LIGHT

R10-04155



Inledning / Introduction



Inledning

Tack för att du valt P-LIGHT från InnoNet AB. Vi hoppas att P-LIGHT skall underlätta och effektivisera ert arbete och bidra till en bra arbetsmiljö. Läs igenom hela bruksanvisningen innan ni monterar och tar P-LIGHT i drift, detta gynnar både dig som användare och tryggar funktionerna.

Introduction

Thank you for choosing P-LIGHT from InnoNet AB. We hope that P-LIGHT facilitates and streamlines your work and contributes to a good working environment. Read the entire Instructions for use before installing and putting P-LIGHT into service, this benefits both you as a user and safeguards functionality.

Viktigt / Important

Garanti och funktion!

- P-LIGHT lämnar 1 års produktgaranti. Vid garanti-ärende skall InnoNets reklamationsrutiner följas.
- Garantin gäller endast när originalreservdelar och originalbatterier används.
- Service och underhåll görs enligt bifogad Service Manual.

Viktigt att tänka på vid montering av P-LIGHT

- Använd rätt dimension på kablage.
- All påkopplad utrustning ska kopplas enligt anvisningar.
- Montera P-LIGHT lättåtkomlig för användning, service och underhåll samt att kabeldragningen från lastbilen till P-LIGHT blir så kort som möjligt.
- För att undvika galvanisk korrosion rekommenderas varmförzinkat bultförband vid montering på ram.
- Kontrollera kabelgenomföringar så att de är åtdragna och täta. Ej använda kabelgenomföringar skall vara pluggade. T.ex plugg, bult eller liknande.
- Vid svetsning eller annan typ av arbete som kan skada elektronik eller batterier, måste alltid dessa kopplas ifrån innan arbete påbörjas!

Dokument och fakta finns på vår supporthemsida **support.p-light.com**, den uppdateras kontinuerligt.

Warranty and function!

- P-LIGHT provides a 1-year product warranty. In the event of a warranty issue, InnoNet's complaint procedures must be followed.
- The warranty is only valid when original spare parts and batteries are used.
- Service and maintenance are performed according to the attached Service Manual.

Important to consider when installing P-LIGHT

- Use the correct cable dimensions.
- All connected equipment must be connected as shown in the instructions.
- Install P-LIGHT easily accessible for use, service and maintenance and that the wiring from the truck to P-LIGHT is as short as possible.
- In order to avoid galvanic corrosion, hot dip galvanized bolt joints when mounting on a frame.
- Check cable glands to make sure they are tightened and sealed. Unused cable glands must be plugged. For example, plug, bolt or the like.
- In the case of welding or any other type of work that may damage electronics or batteries, these must always be disconnected before work commences!

Documents and facts can be found on our support website **support.p-light.com**. The site is updated regularly.

Hydraulolja - Service - Underhåll / Hydraulic oil - Service - Maintenance

Fyll på hydraulolja innan provkörning

Till hydraulik rekommenderas: ISO VG 32
Till axelstyrning rekommenderas: ISO VG 15

Vid service och felsökning

Använd P-LIGHT Servicemanual och/eller Felsökningsprotokoll, det finns att ladda ner på **support.p-light.com**, du är alltid välkommen att kontakta vår support på tfn +46 472-483 93.

Top up the hydraulic oil before test operating

The following is recommended for hydraulics: ISO VG 32
The following is recommended for axle steering: ISO VG 15

For service and troubleshooting

Use the P-LIGHT Service Manual and/or Troubleshooting Protocol, which are available to download from **support.p-light.com**. You are always welcome to contact our customer support on tel. +46 472-483 93.

Hydro Comp 2kW, 7L



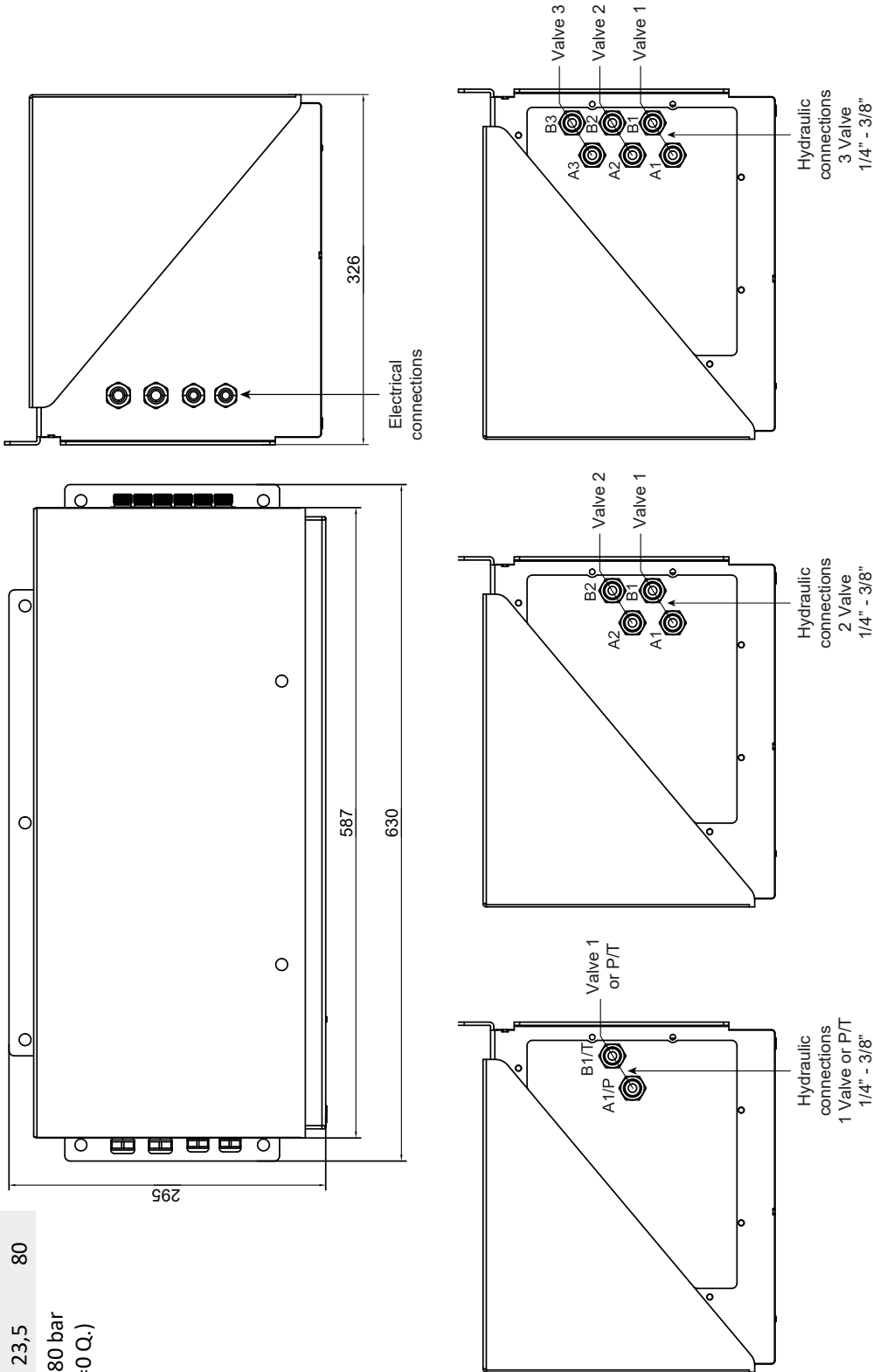
Drawing and dimensions Hydro Comp 2kW, 7L. With P/T or 1-3 valve

Usable volume 5,5 Litres

Hydraul unit 2.0kW 1.25cc

Performance				
p. (bar)	Q. (l.min)	U. (V)	I. (A)	
75	5,0	23,8	44	
100	4,8	23,7	53	
150	4,4	23,7	72	
175	4,1	23,5	80	

Max working pressure 180 bar
Max Pressure 220 bar (=0 Q.)



P-LIGHT Hydro Comp, for mounting directly on the frame.

Hydro Pack 2.4kW, 13L



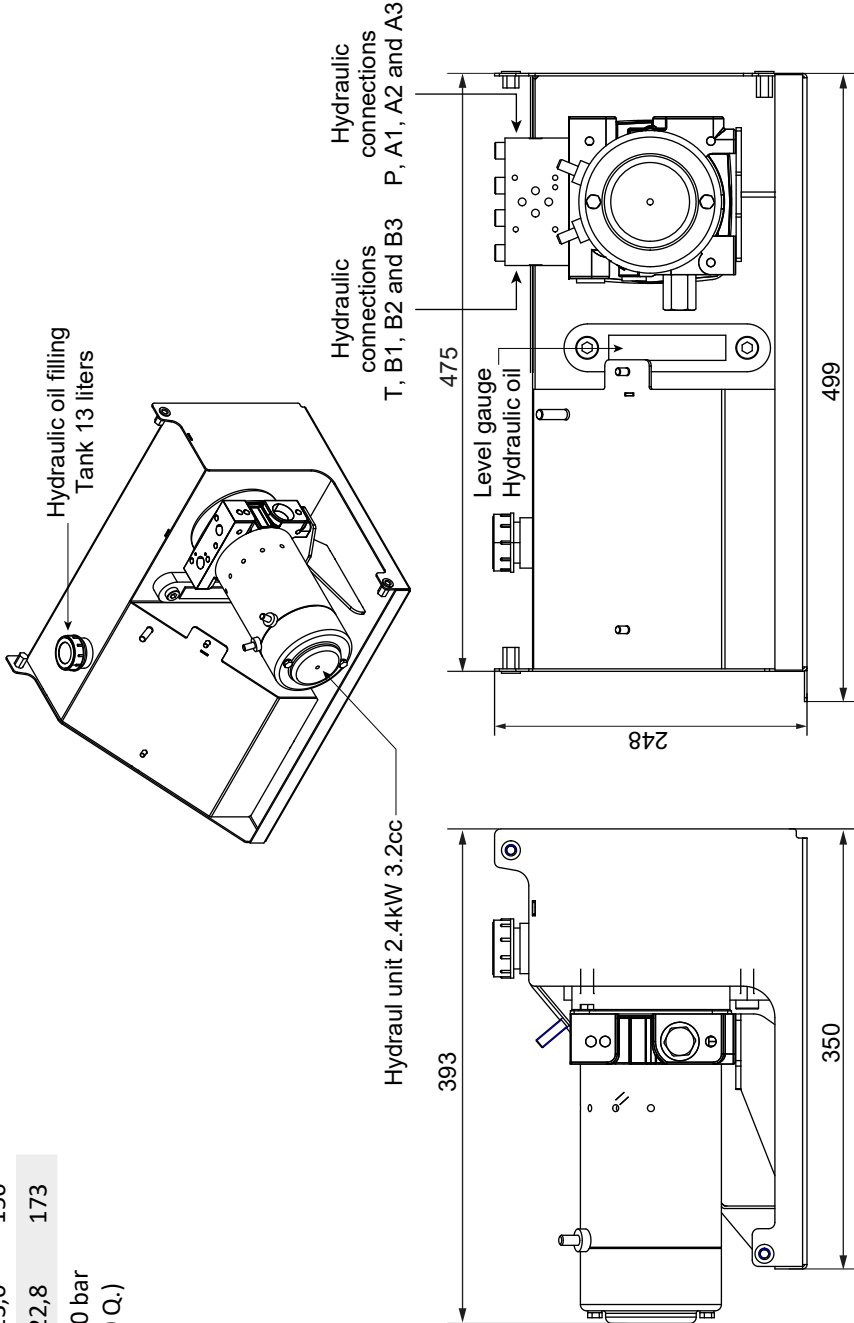
Drawing and dimensions Hydro Pack 2.4kW, 13L

Usable volume 9 Litres

Hydraul unit 2.4kW 3.2cc

Performance			
p. (bar)	Q. (l.min)	U. (V)	I. (A)
60	9,5	23,9	84
100	8,2	23,5	114
160	6,7	23,0	156
180	6,3	22,8	173

Max working pressure 180 bar
Max Pressure 210 bar (=0 Q.)



P-LIGHT Hydro pack is mounted in toolbox

Hydro Pack 4.5kW, 13L



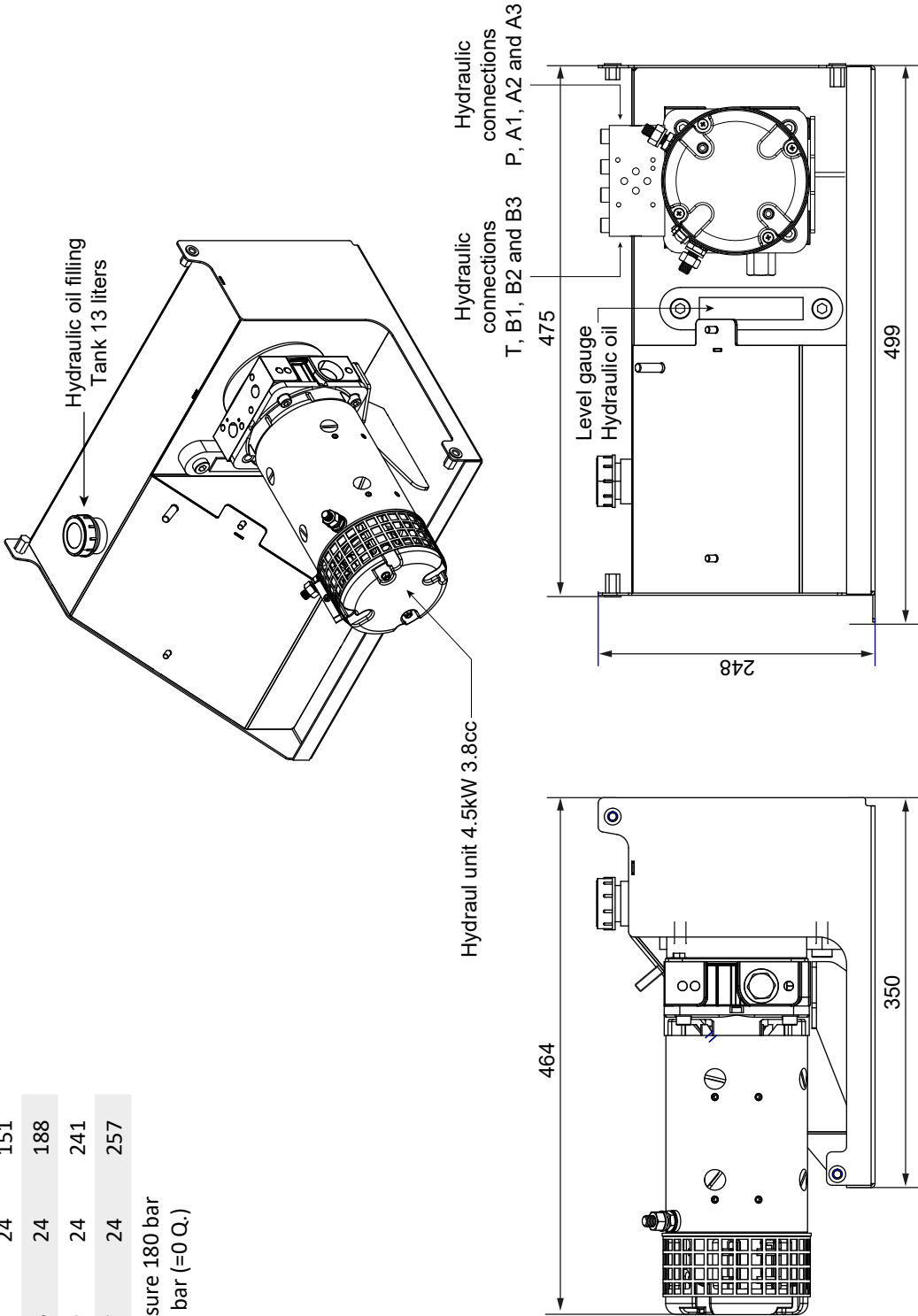
Drawing and dimensions Hydro Pack 4.5kW, 13L

Usable volume 9 Litres

Hydraul unit 4.5kW 3.8cc

Performance				
p. (bar)	Q. (l.min)	U. (V)	I. (A)	
50	20,2	24	151	
100	16,6	24	188	
160	13,9	24	241	
180	12,7	24	257	

Max working pressure 180 bar
Max Pressure 210 bar (=0 Q.)



P-LIGHT Hydro pack is mounted in toolbox

Hydro Pack 4.5kW, 22L



Drawing and dimensions Hydro Pack 4.5kW, 22L

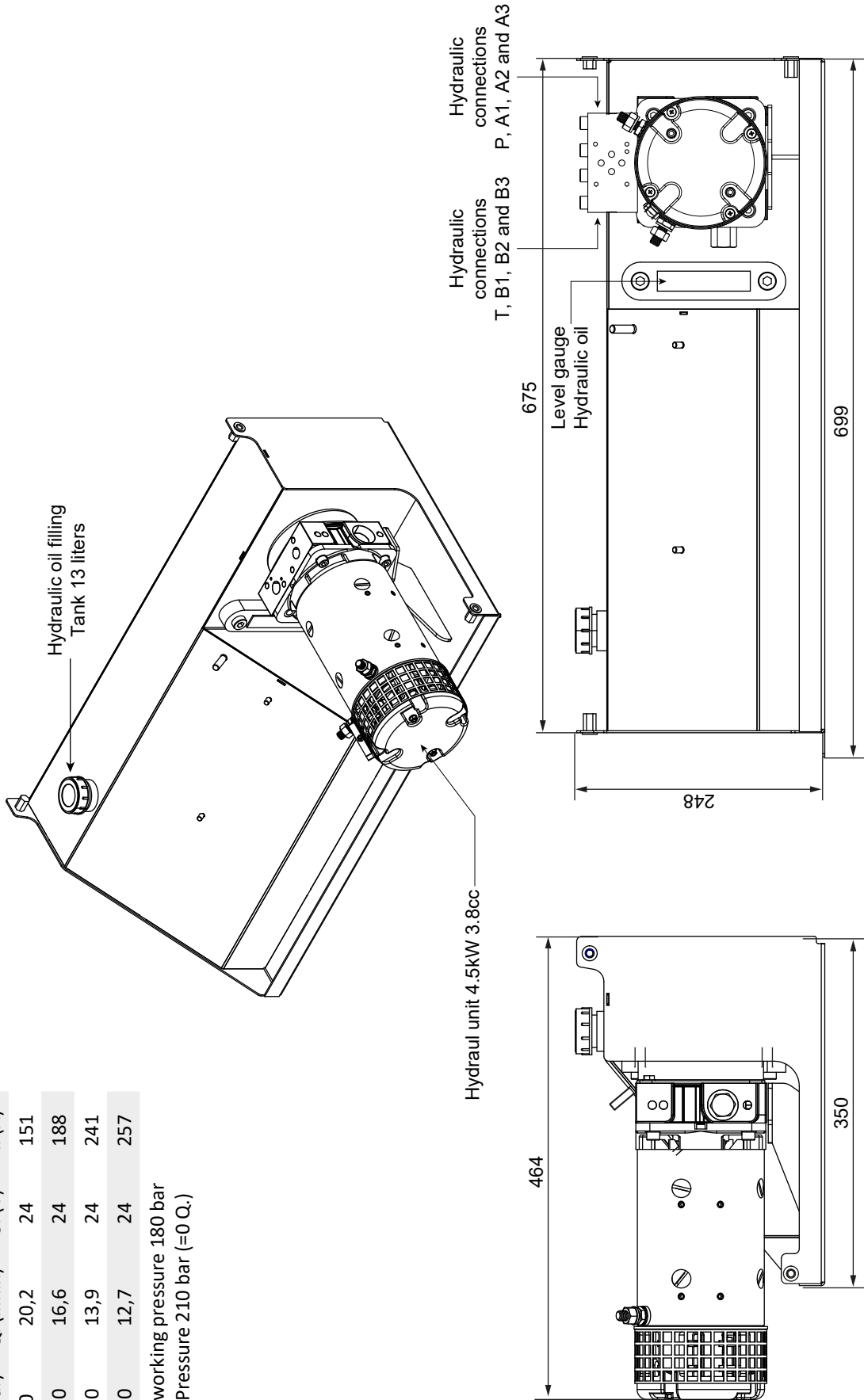
Usable volume 16 Litres

Hydraul unit 4.5kW 3.8cc

Performance

p. (bar)	Q. (l.min)	U. (V)	I. (A)
50	20,2	24	151
100	16,6	24	188
160	13,9	24	241
180	12,7	24	257

Max working pressure 180 bar
Max Pressure 210 bar (=0 Q.)

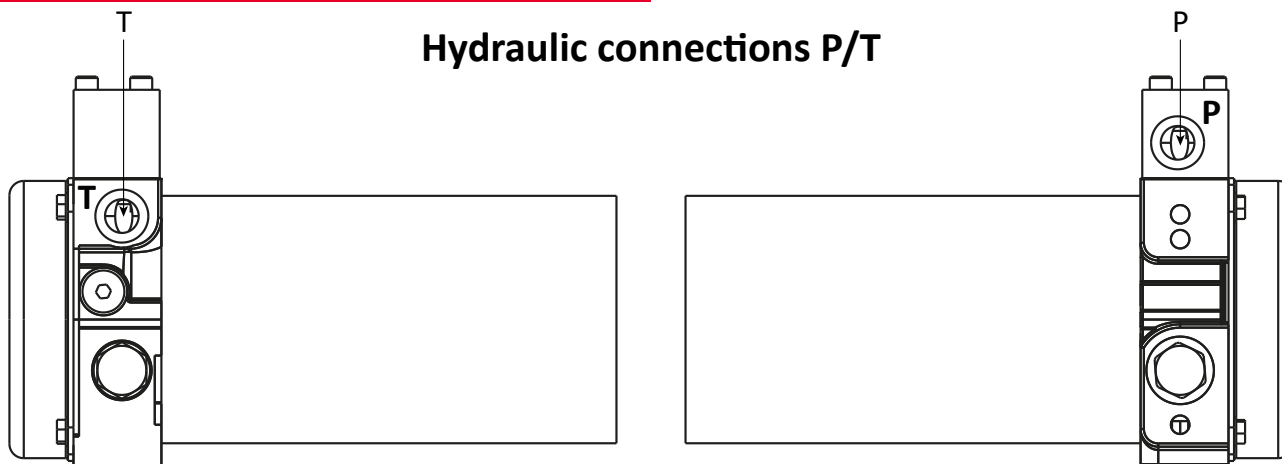


P-LIGHT Hydro pack is mounted in toolbox

Hydro Pack with P/T

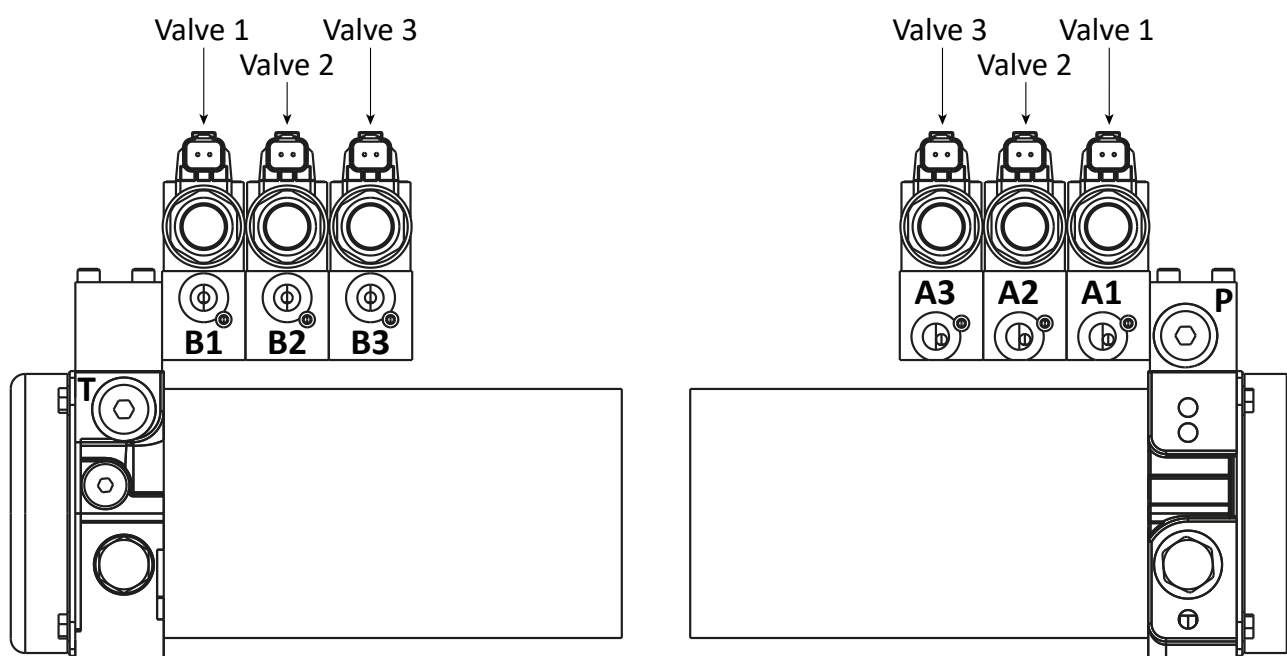


Hydraulic connections P/T



Hydro Pack with valves

Hydraulic connections 1-3 Valve



Valve 1

☐ Dir Control Valve C11 CC ☐ Dir Control Valve H11 CC ☐ Dir Control Valve Y11 CC ☐ Dir Control Valve Z11 CC

Valve 2

☐ Dir Control Valve Y11 CC ☐ Dir Control Valve Z11 CC

Valve 3

☐ Dir Control Valve Y11 CC ☐ Dir Control Valve Z11 CC

Sandwich

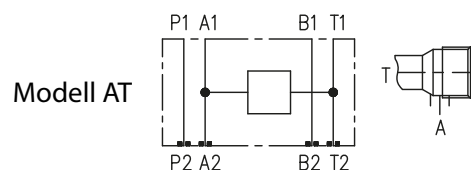
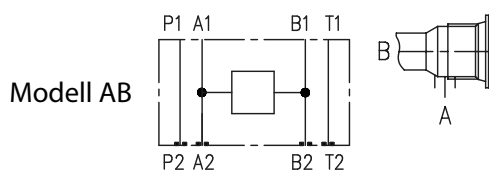
☐ Sandwich Locking Valve A-B NC ☐ Sandwich Locking Valve A-B NO ☐ Sandwich Pilot Valve A1 and B1

Other additions and Notes _____

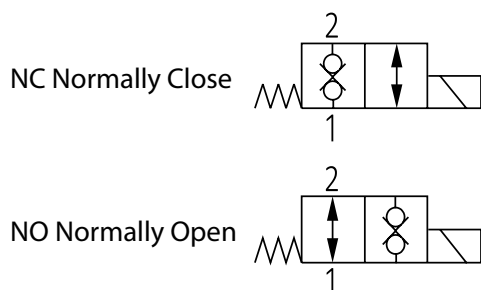
Directional Control Valves

Z11		
C11		
H11		
Y11		

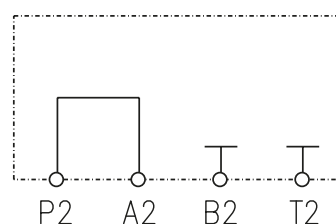
Sandwich Plates for Valves



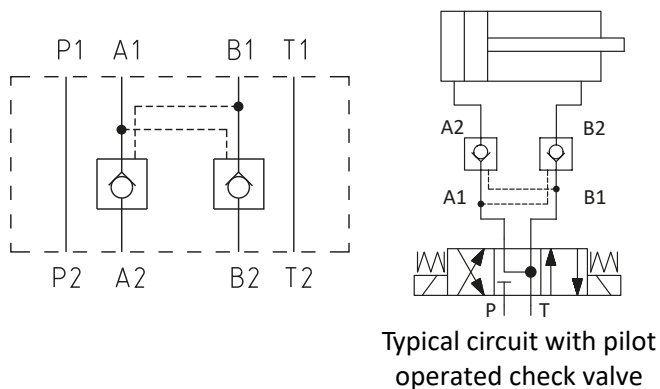
Directional Valve NC/NO



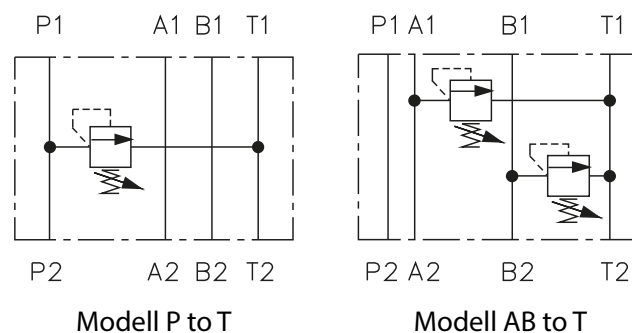
Blanking/Top plate



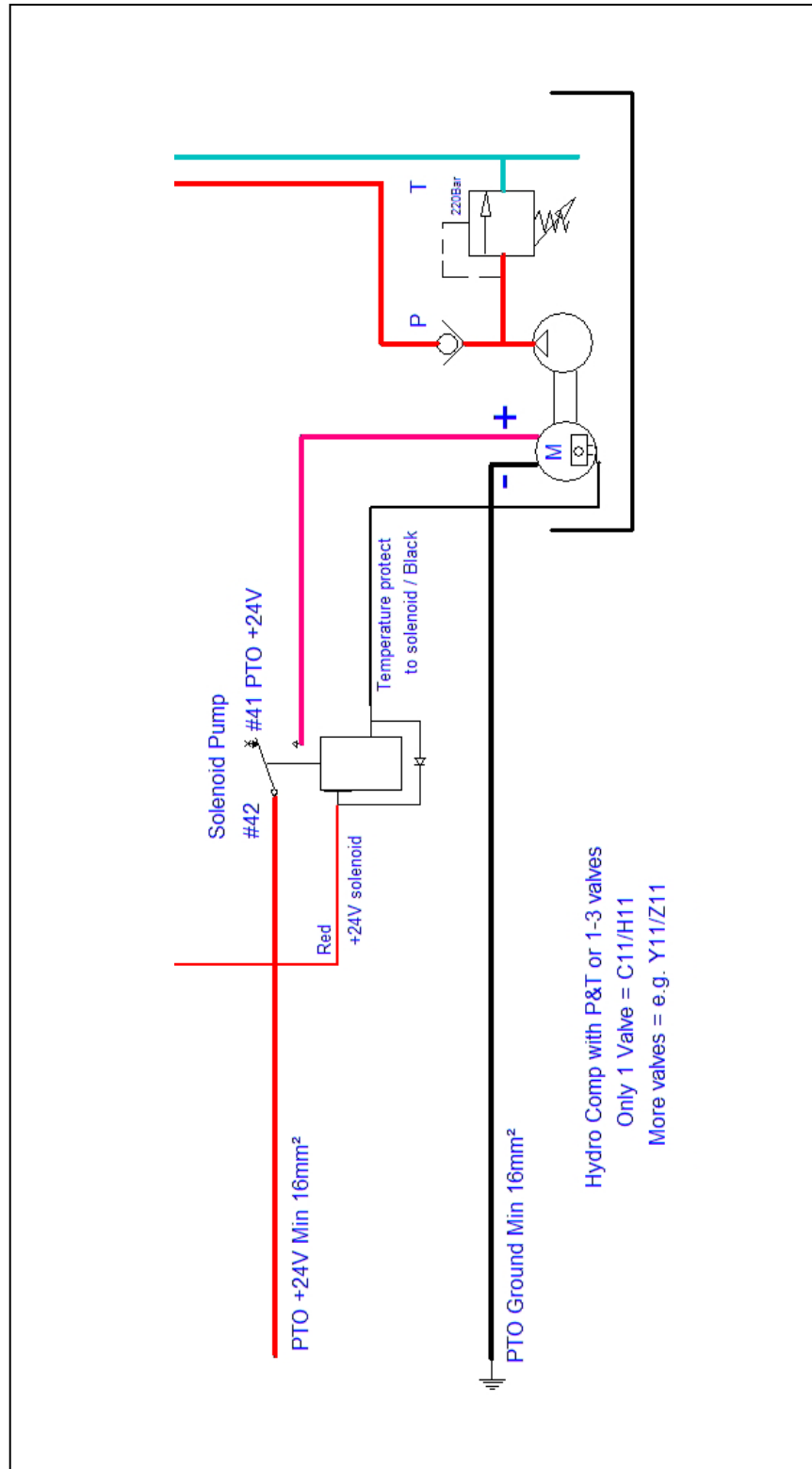
Sandwich Pilot Operated Check Valve



Pressure Relief Valve



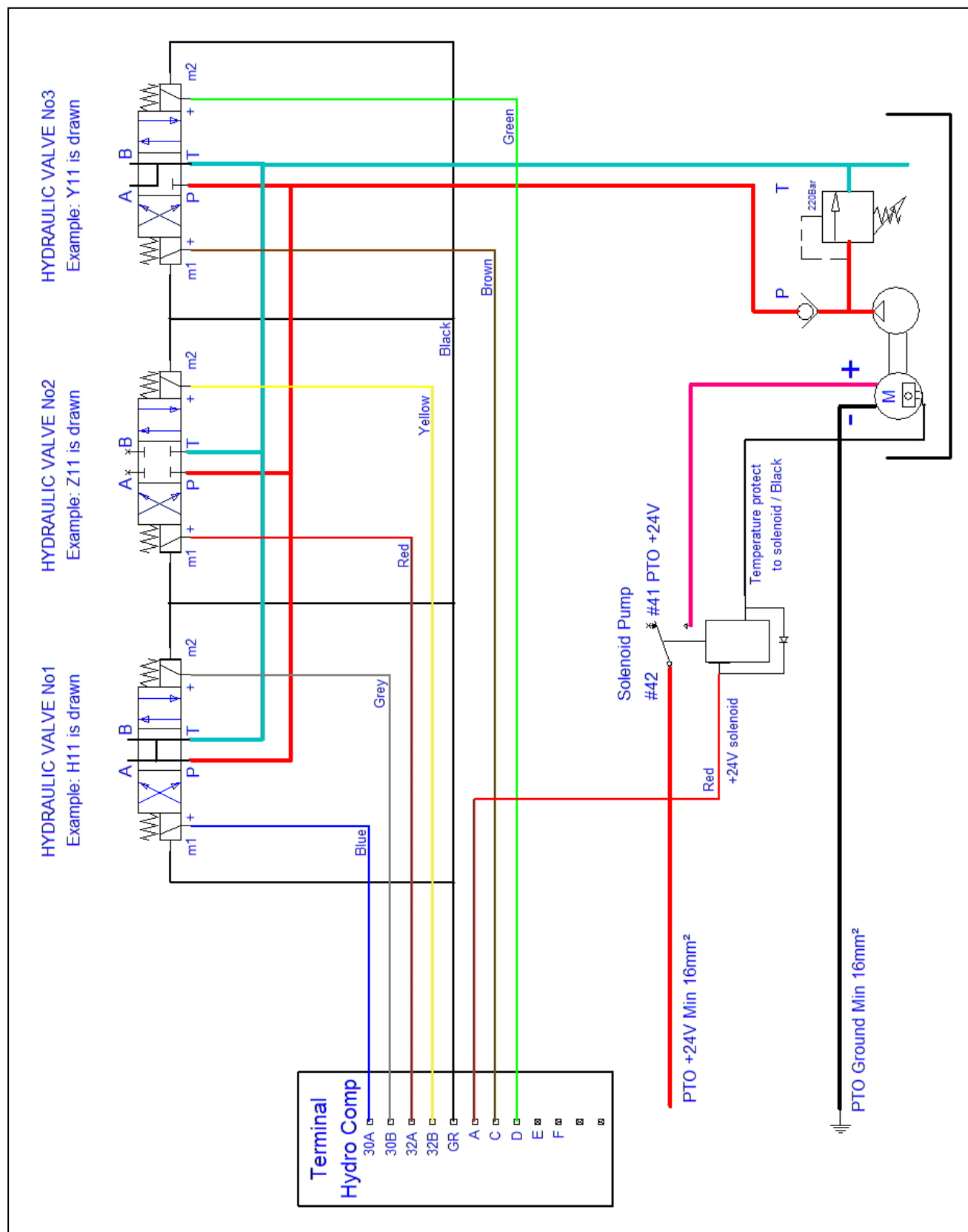
Wiring diagram Hydro Comp - Hydro Pack P/T



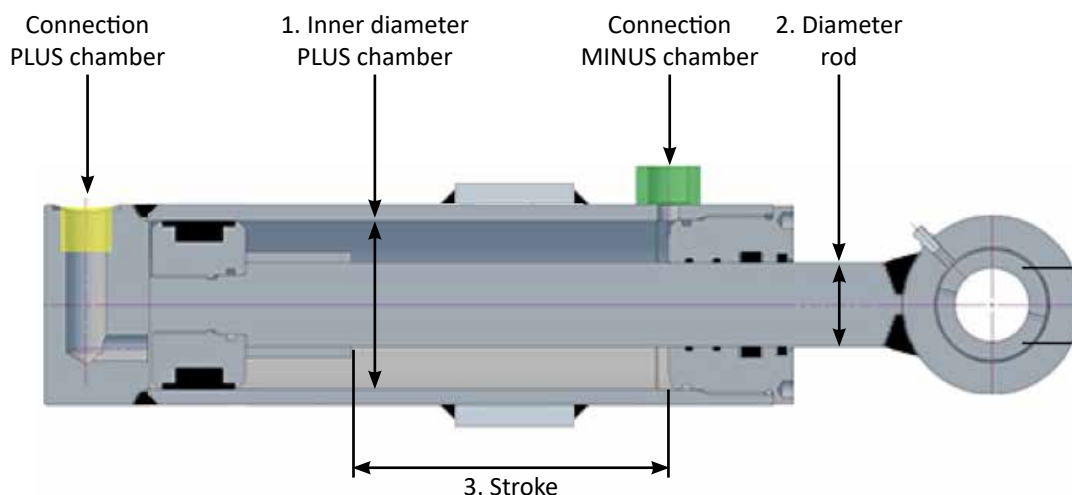
Wiring diagram 1-3 Valve



Wiring diagram Hydro Comp - Hydro Pack 1-3 Valve



Customer number	Date	Our reference
Customer		Your reference
Phone		E-Mail address



Cylinder	Quantity	1. Inner diameter PLUS chamber	2. Diameter rod	3. Stroke length
1	pcs	mm	mm	mm
2	pcs	mm	mm	mm
3	pcs	mm	mm	mm
4	pcs	mm	mm	mm
5	pcs	mm	mm	mm

Function	Function/Operation	
1		☐ Single Acting ☐ Double Acting
2		☐ Single Acting ☐ Double Acting
3		☐ Single Acting ☐ Double Acting
4		☐ Single Acting ☐ Double Acting
5		☐ Single Acting ☐ Double Acting

Notes

Notes



Product-id

Fill in and attach with the vehicle / trailer that P-LIGHT is mounted on.

- ☐ P-LIGHT Hydro Comp 2kW, 7L ☐ P-LIGHT Hydro Pack 2.4kW, 13L
☐ P-LIGHT Hydro Pack 4.5kW, 13L ☐ P-LIGHT Hydro Pack 4.5kW, 22L

Manufactory date: _____ Serial No: _____ Mounted date: _____

Manufactory No (Trailer): _____ Company: _____

City: _____ Country: _____

Sign: _____



P-LIGHT Support

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