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# PUMPKIT SCHEMATICS

## BPA / SP LINE PUMPS

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All Information is subject to revision

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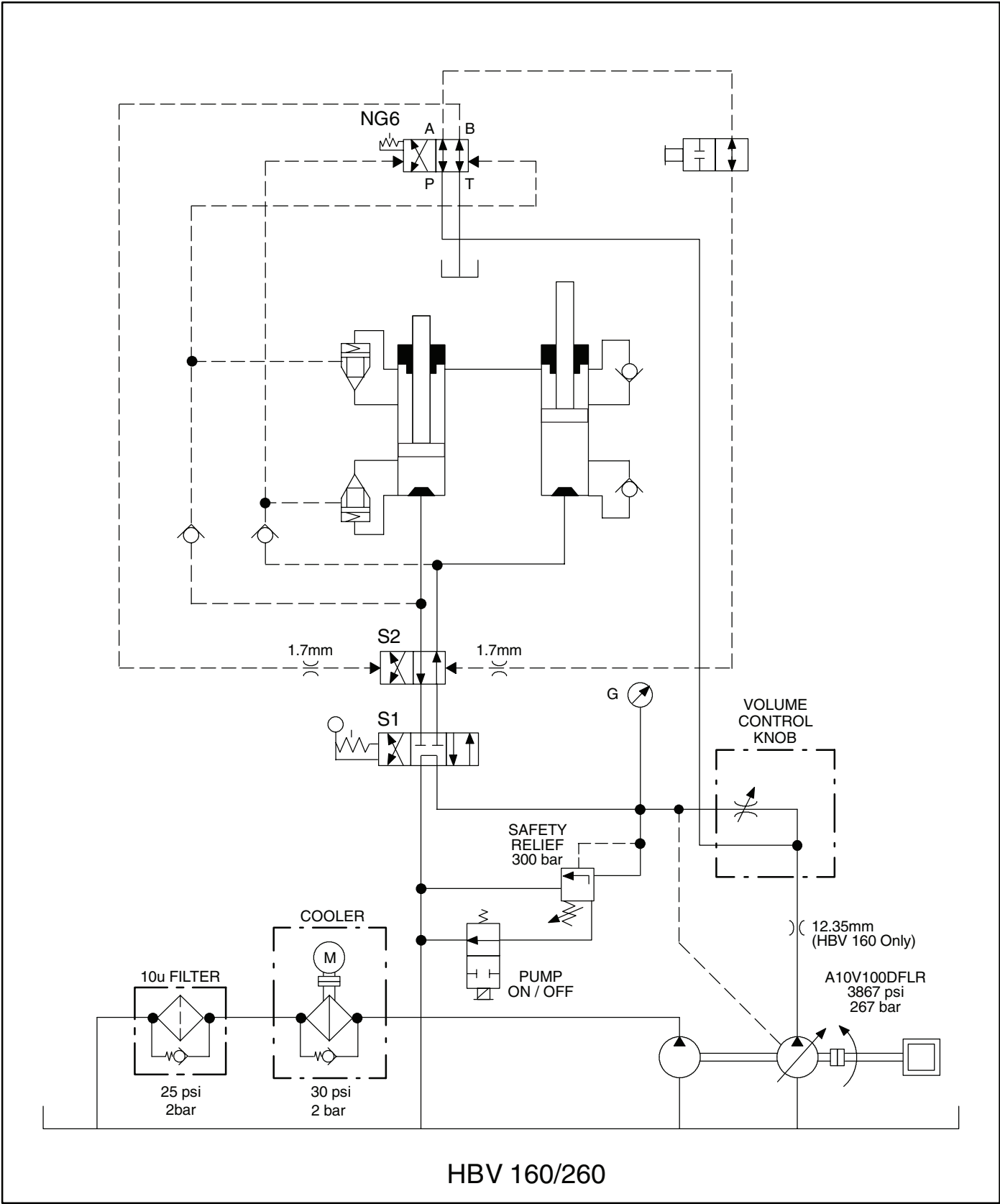
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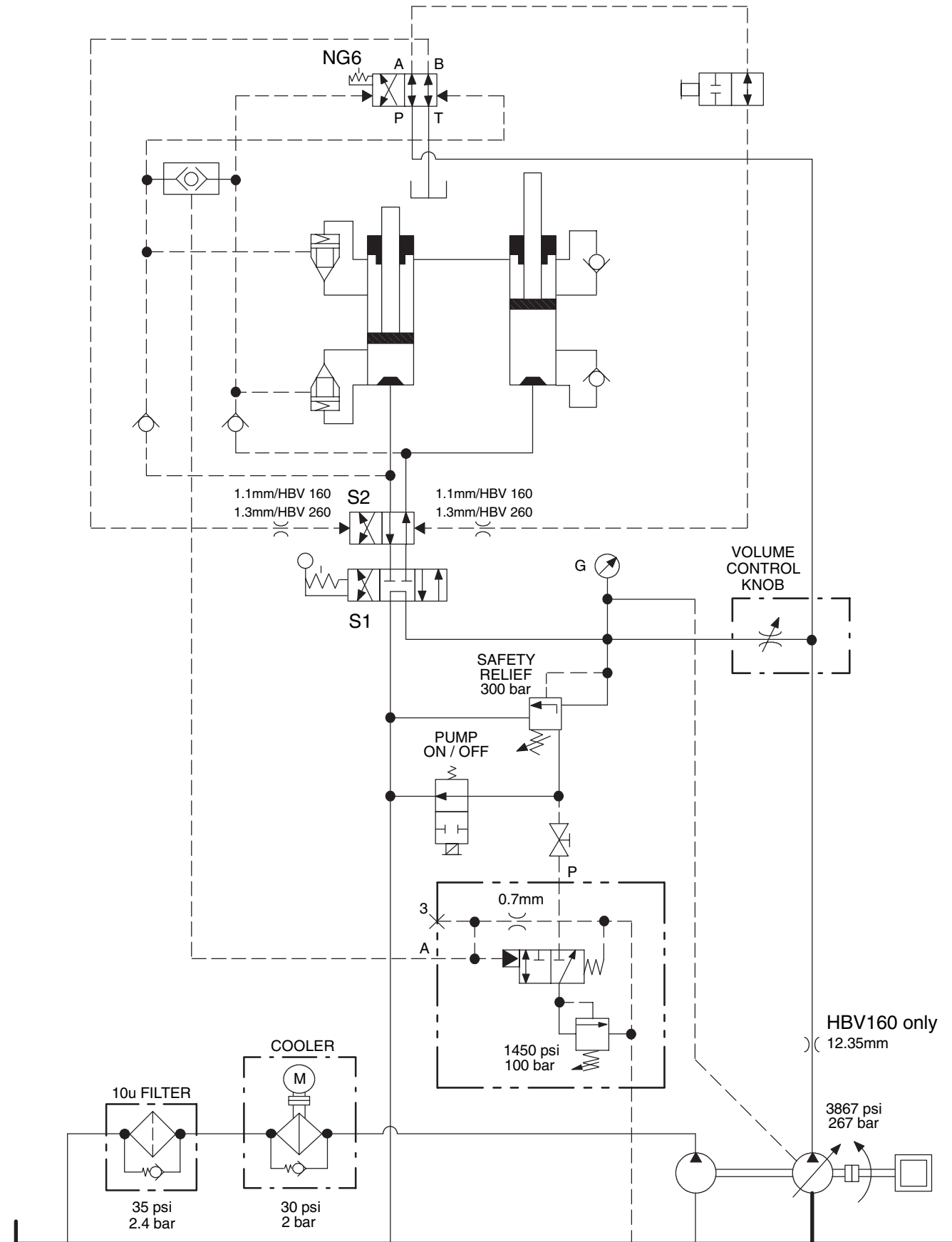
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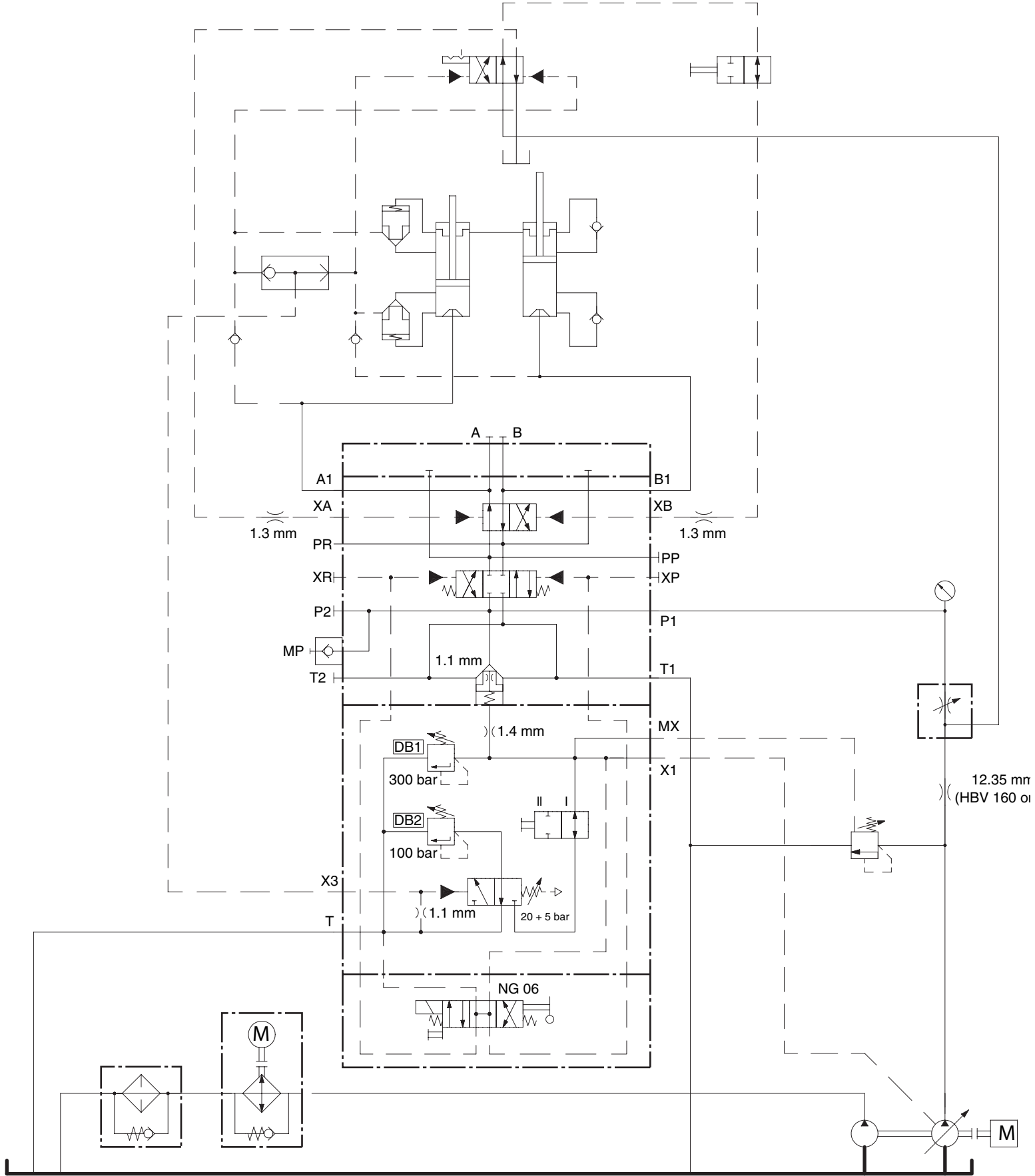
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N/A

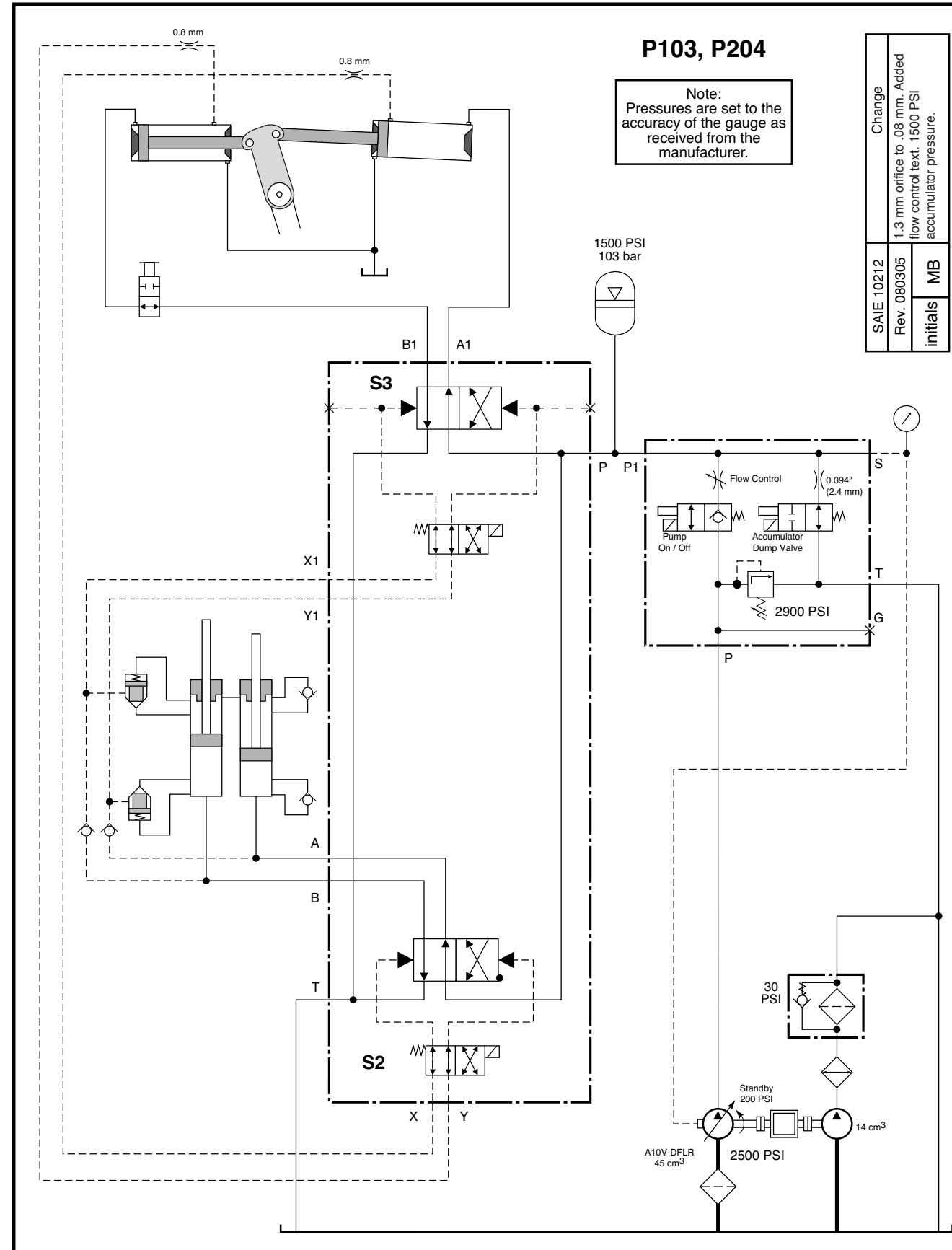
HBV 160

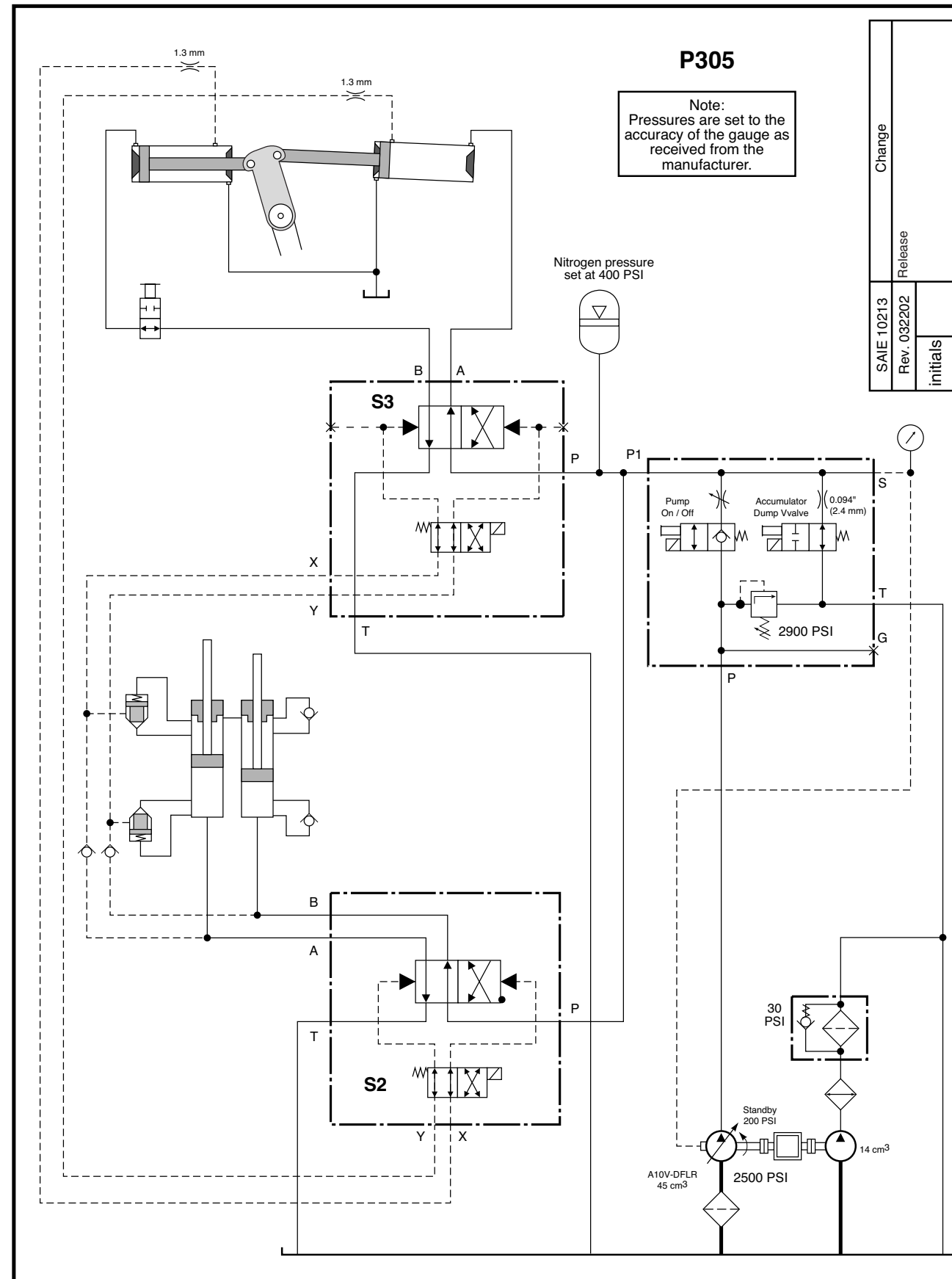


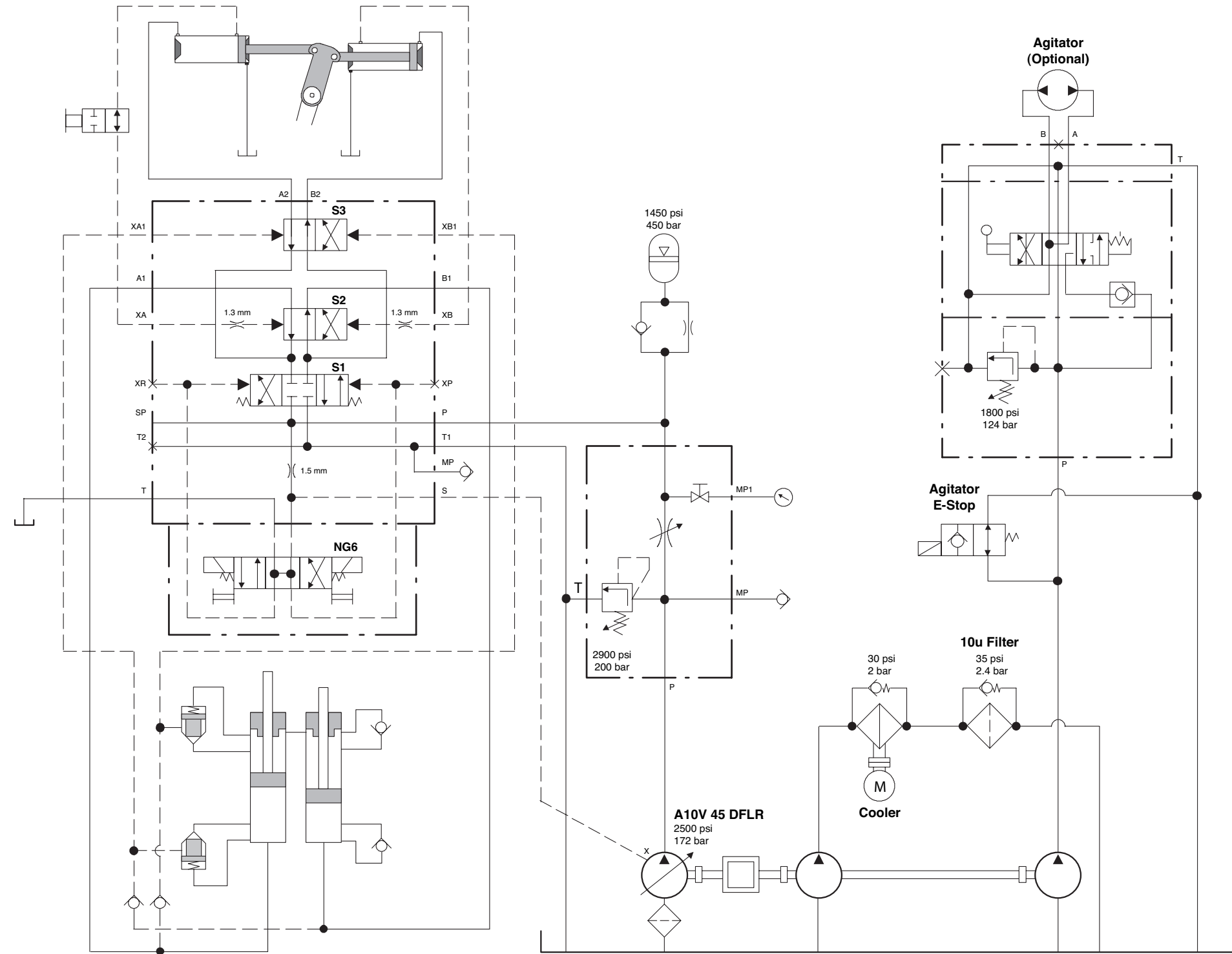












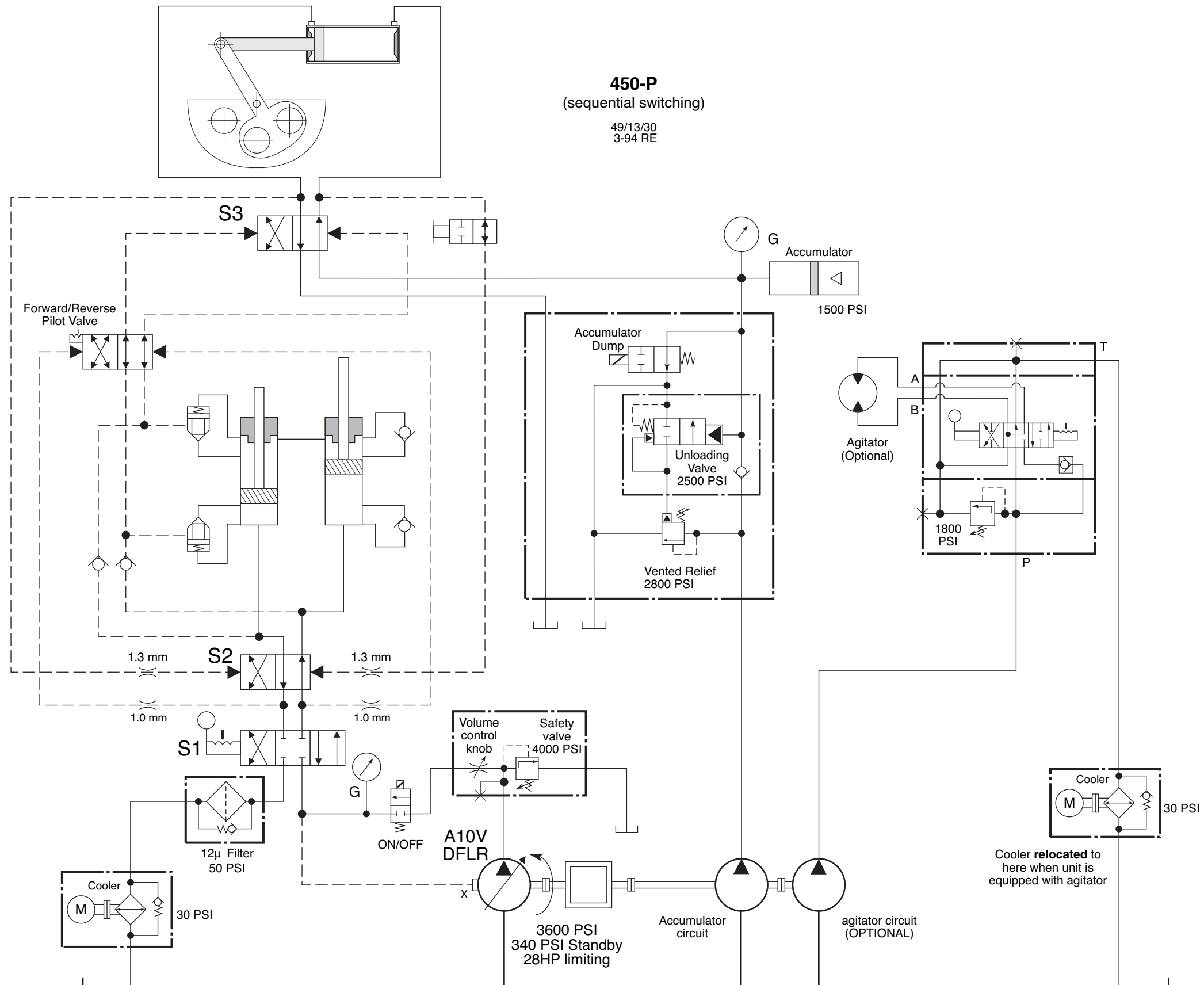
**HYDRAULIC SCHEMATIC  
P305**

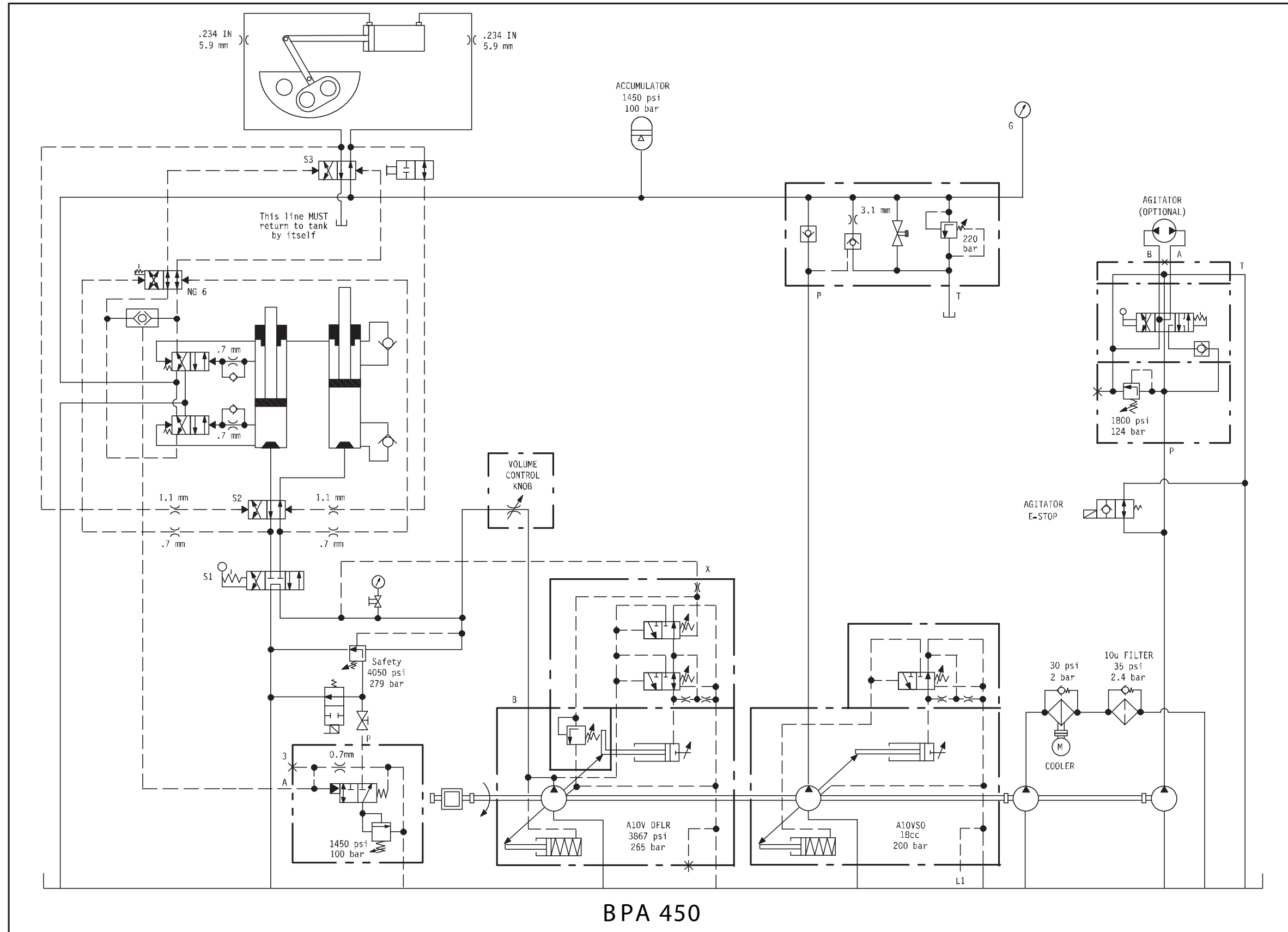
SAIE 10260	Change
Rev. 032508	New release
initials	MB

Note:  
Pressures are set to the accuracy of the gauge as received from the manufacturer.

**450-P**  
(sequential switching)

49/13/30  
3-94 RE



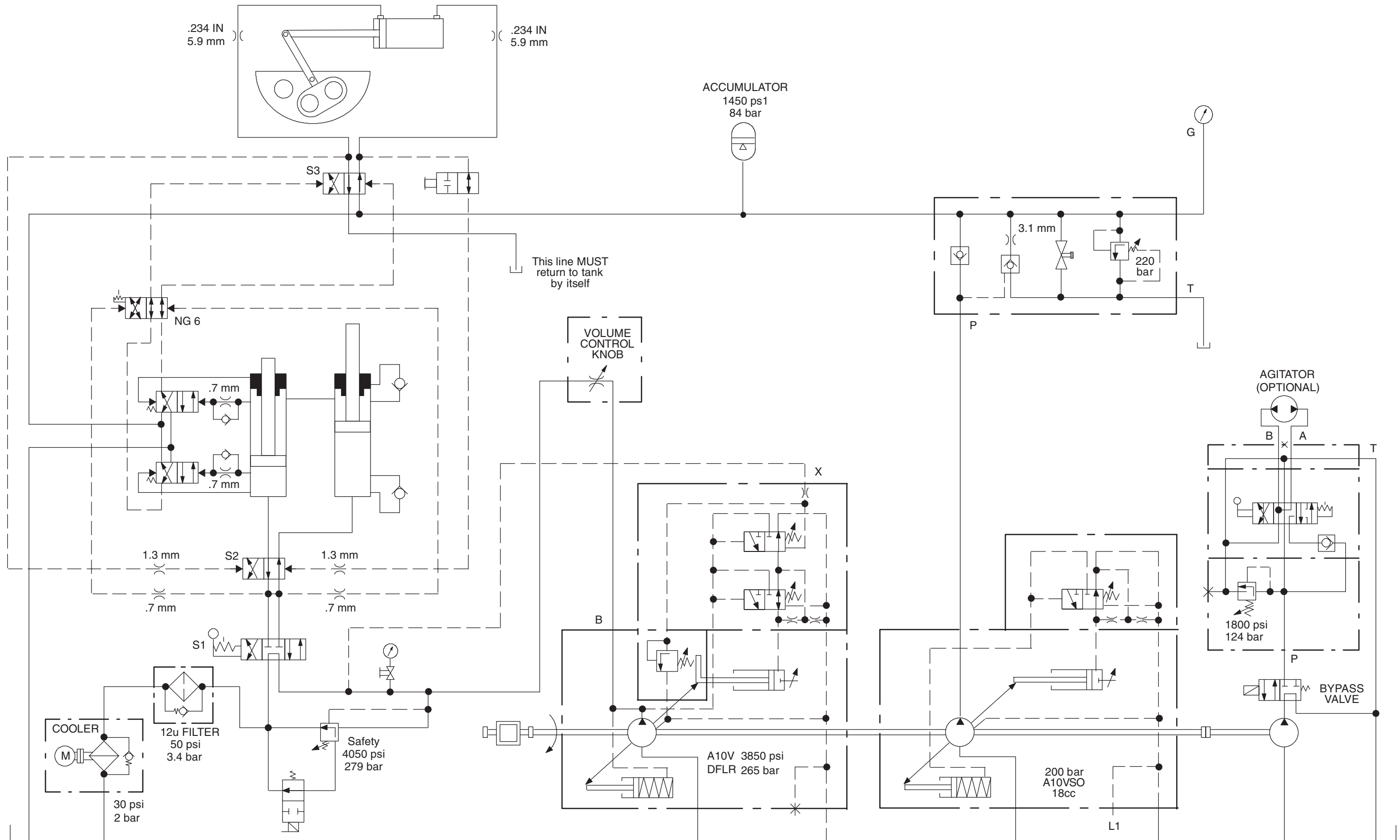


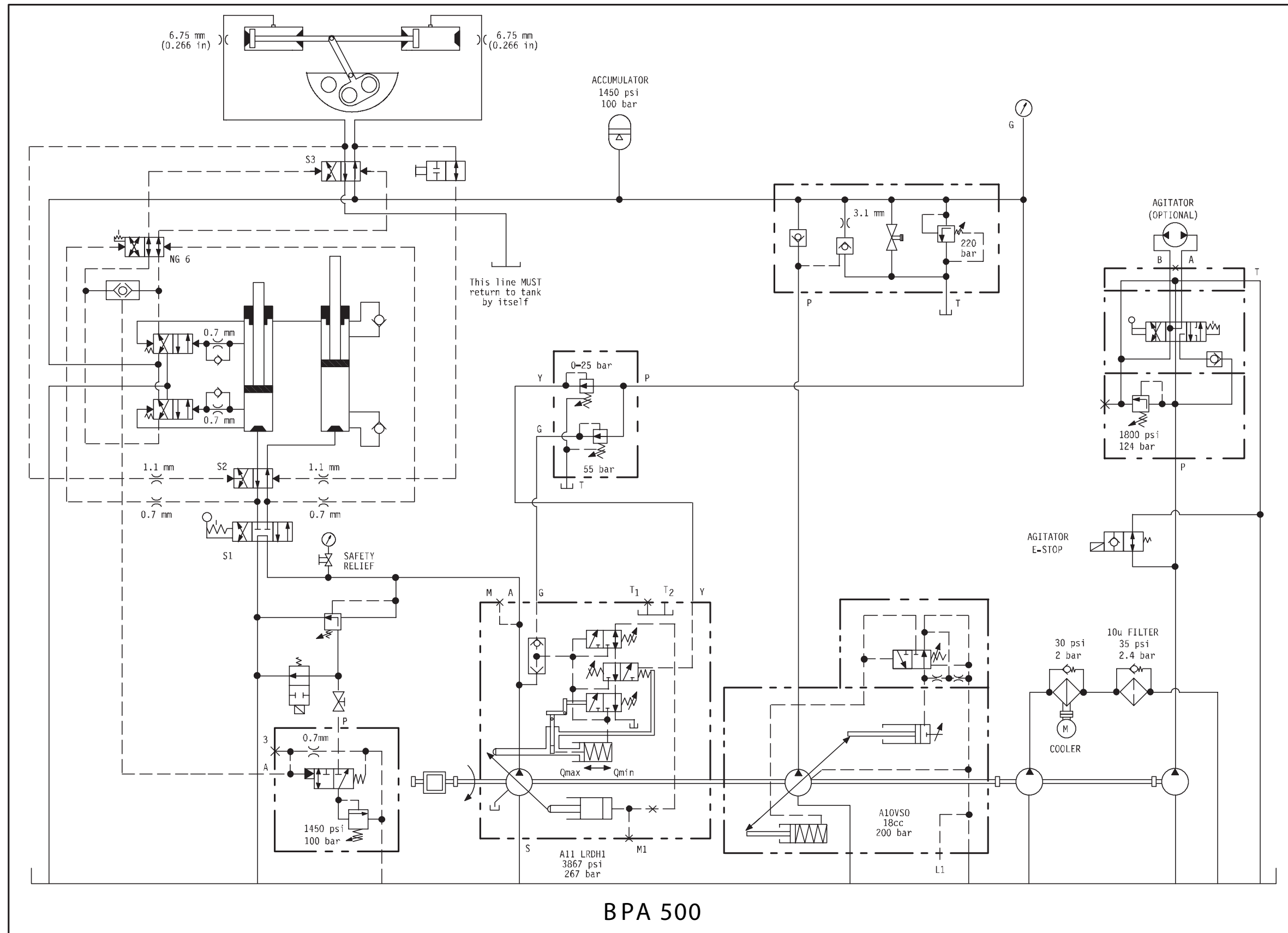
BPA 450

07/14/05

N/A

BP 450/500



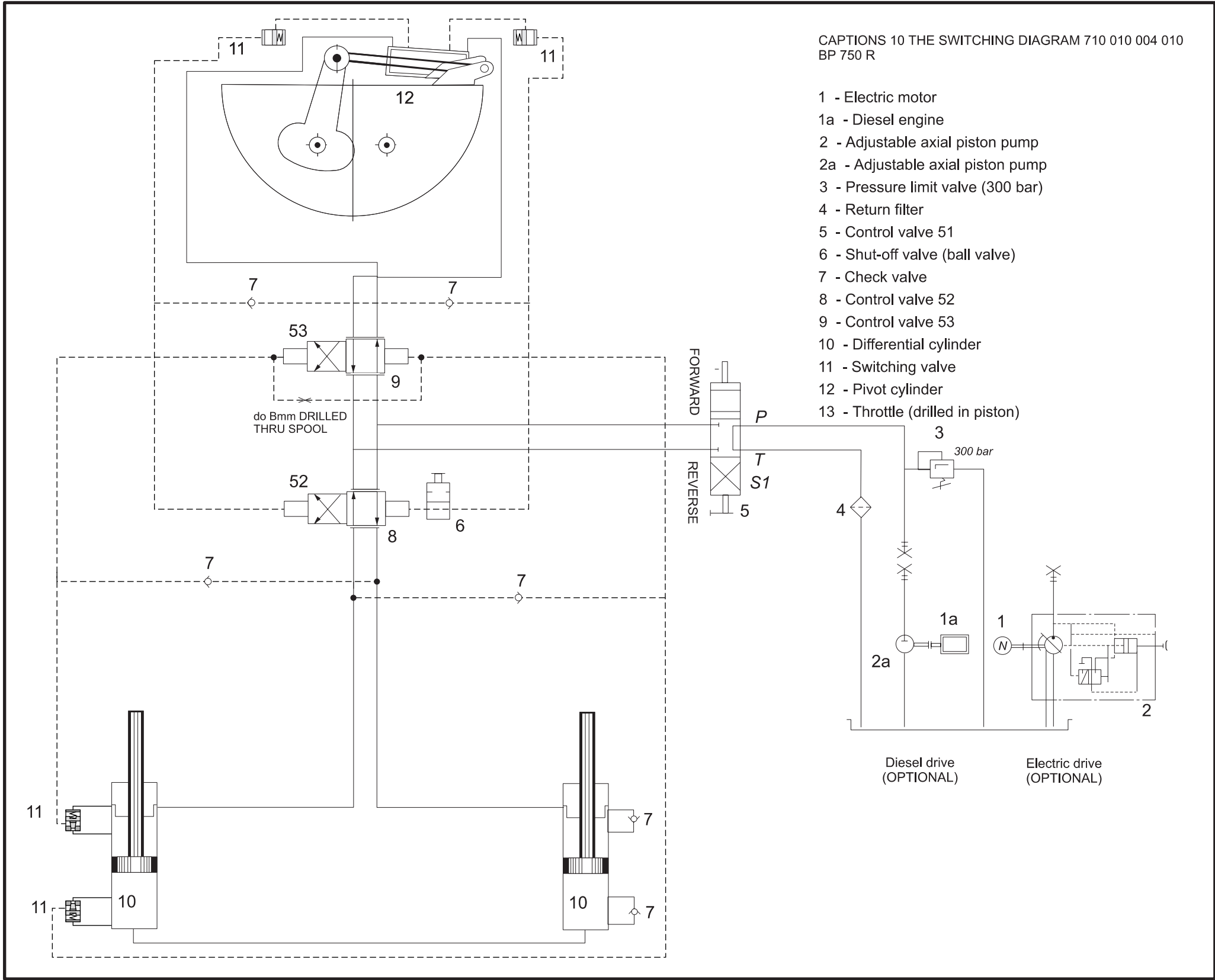


BPA 500

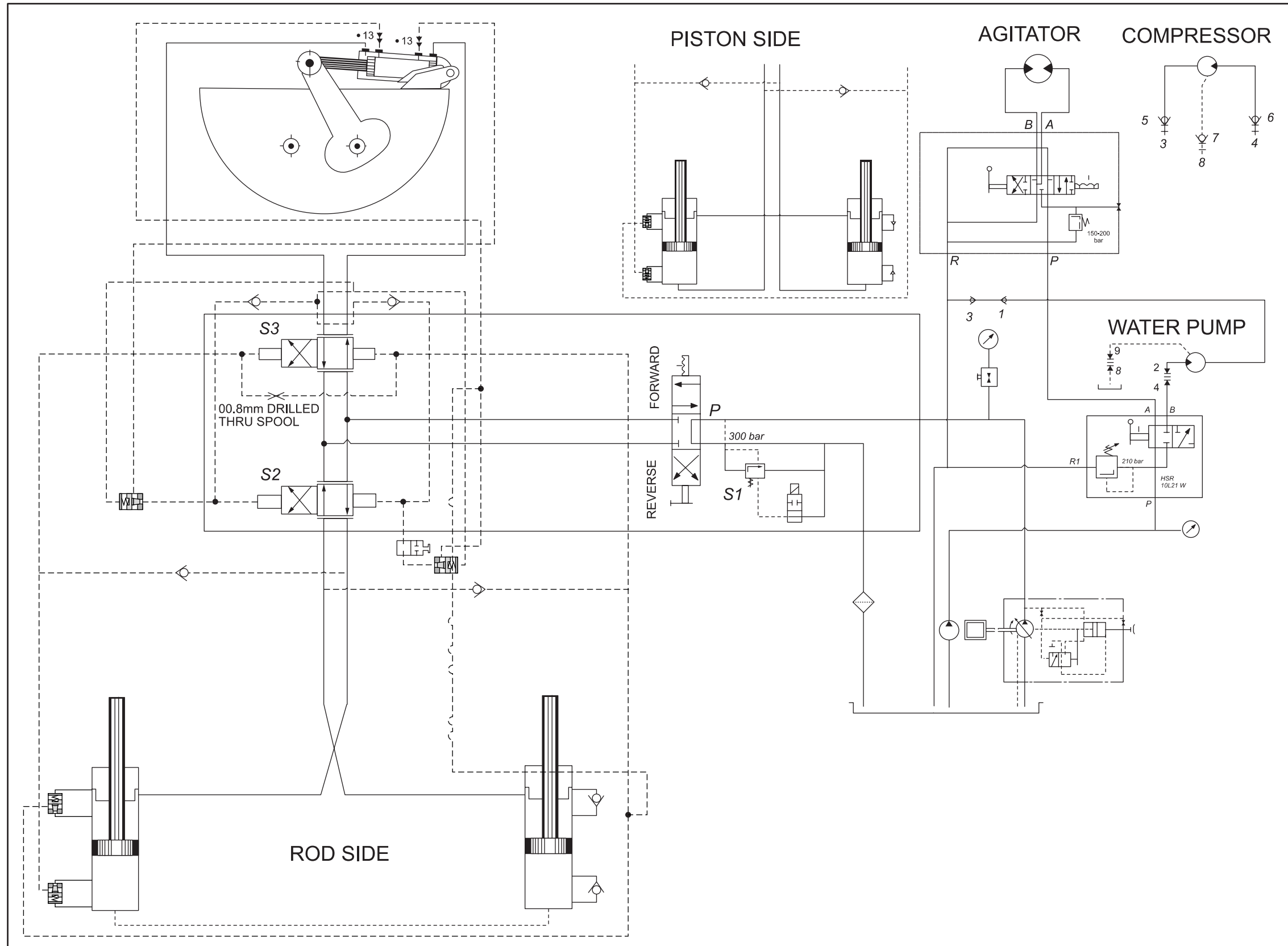
07/14/05

N/A

BP 750 R (Old Style Plumbing)

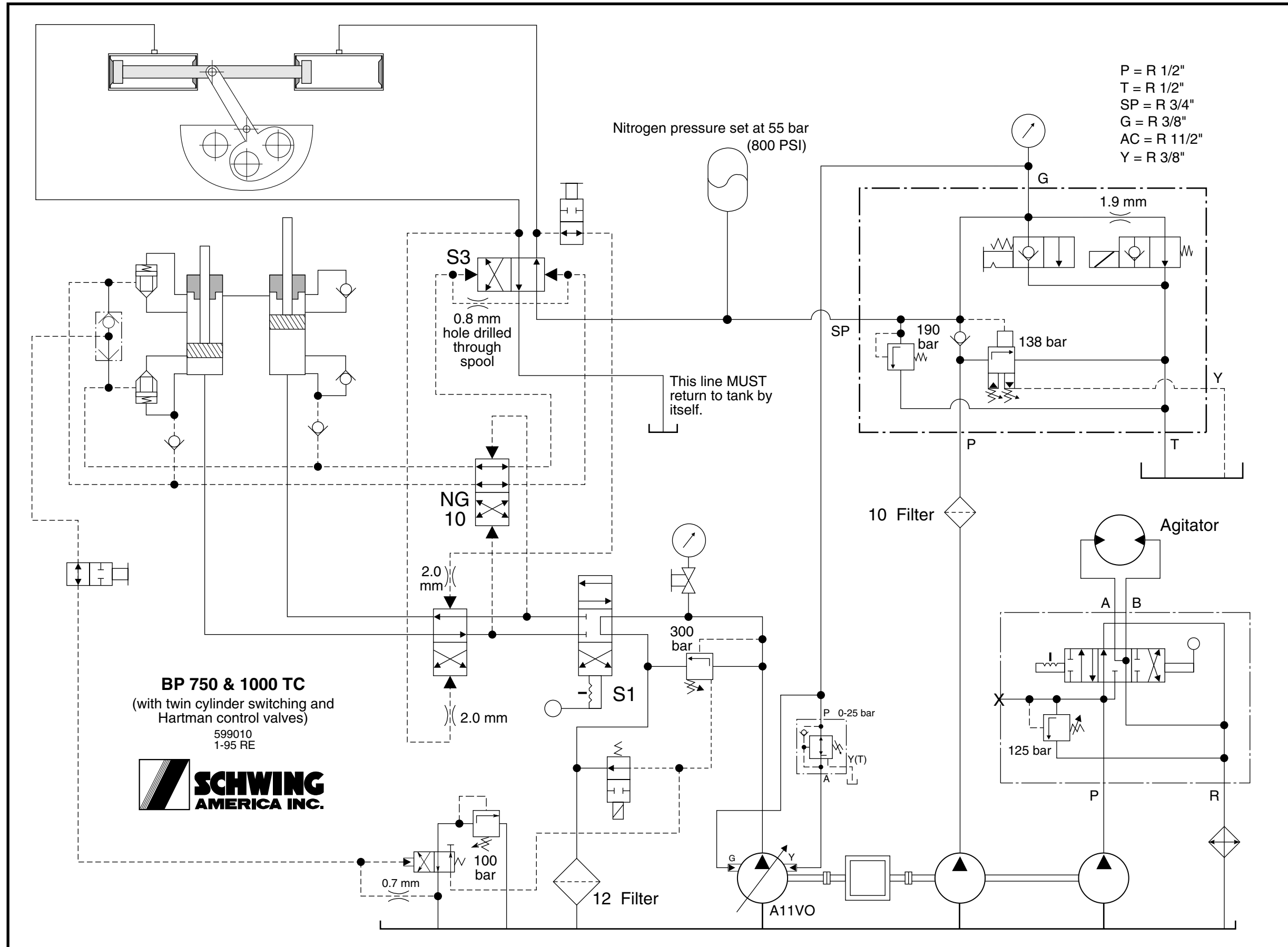




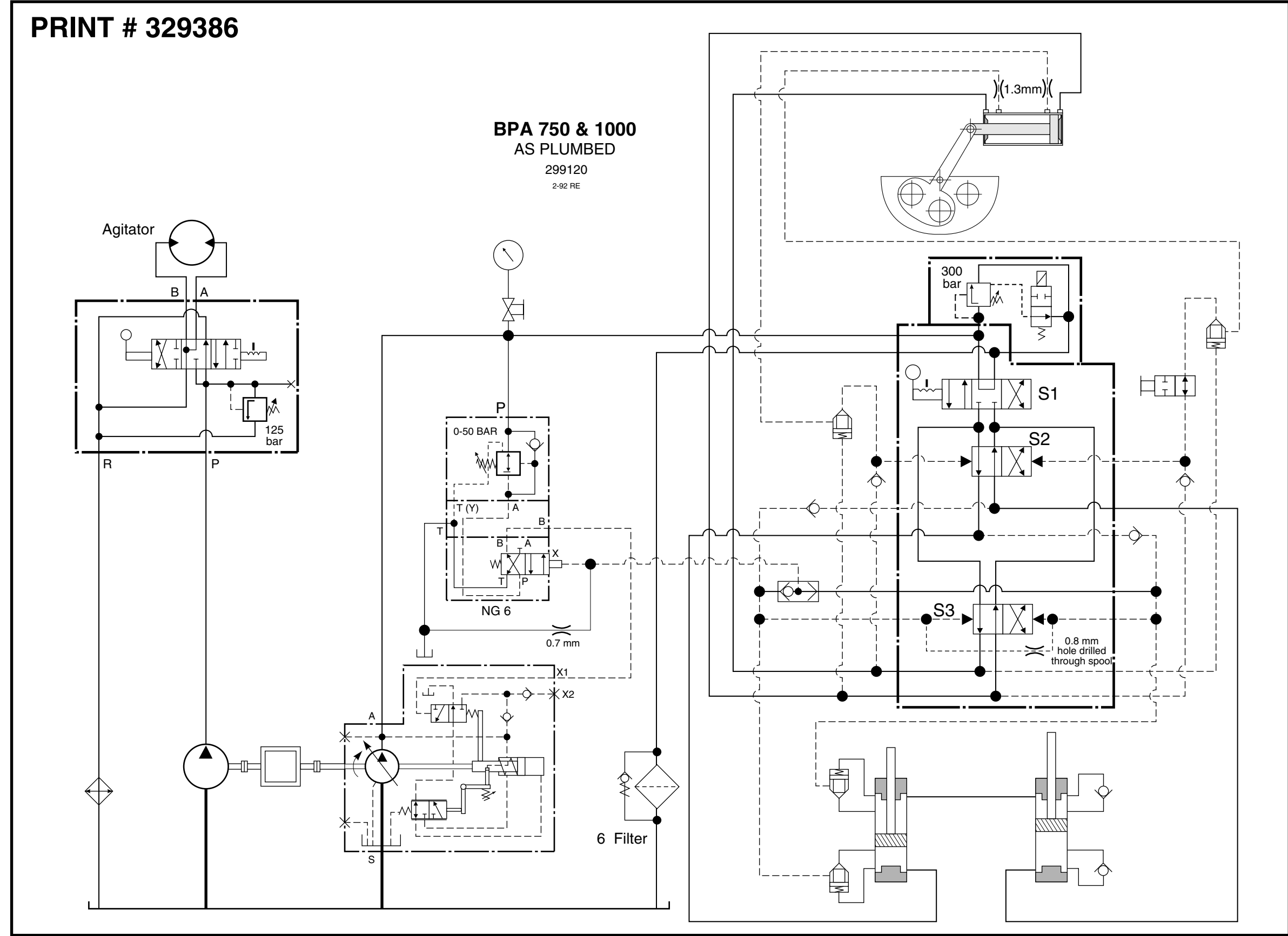


N/A

BP 750 & 1000 TWIN CIRCUIT, HARTMAN BRAIN w/DUAL SHIFTING CYLINDERS

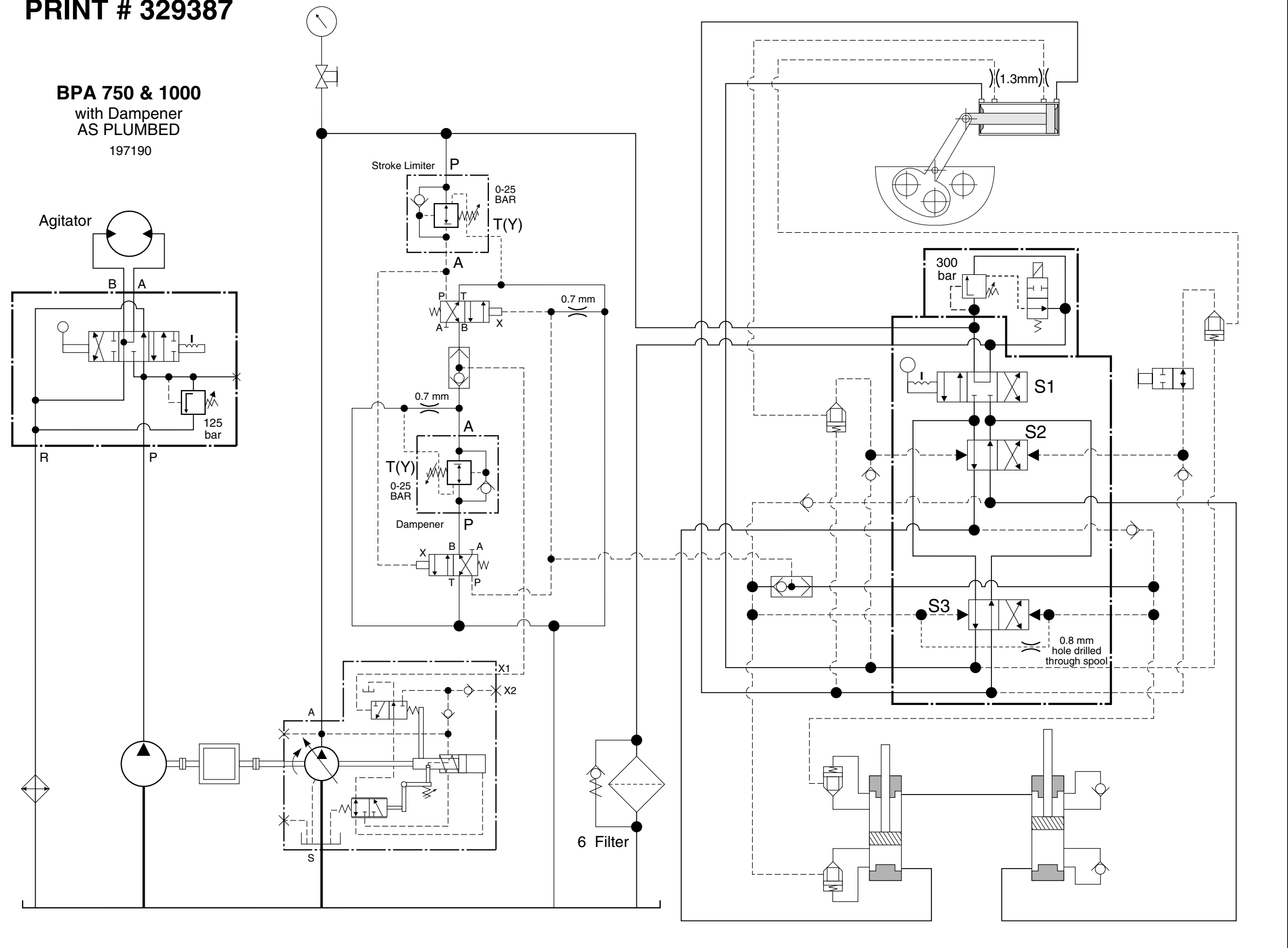


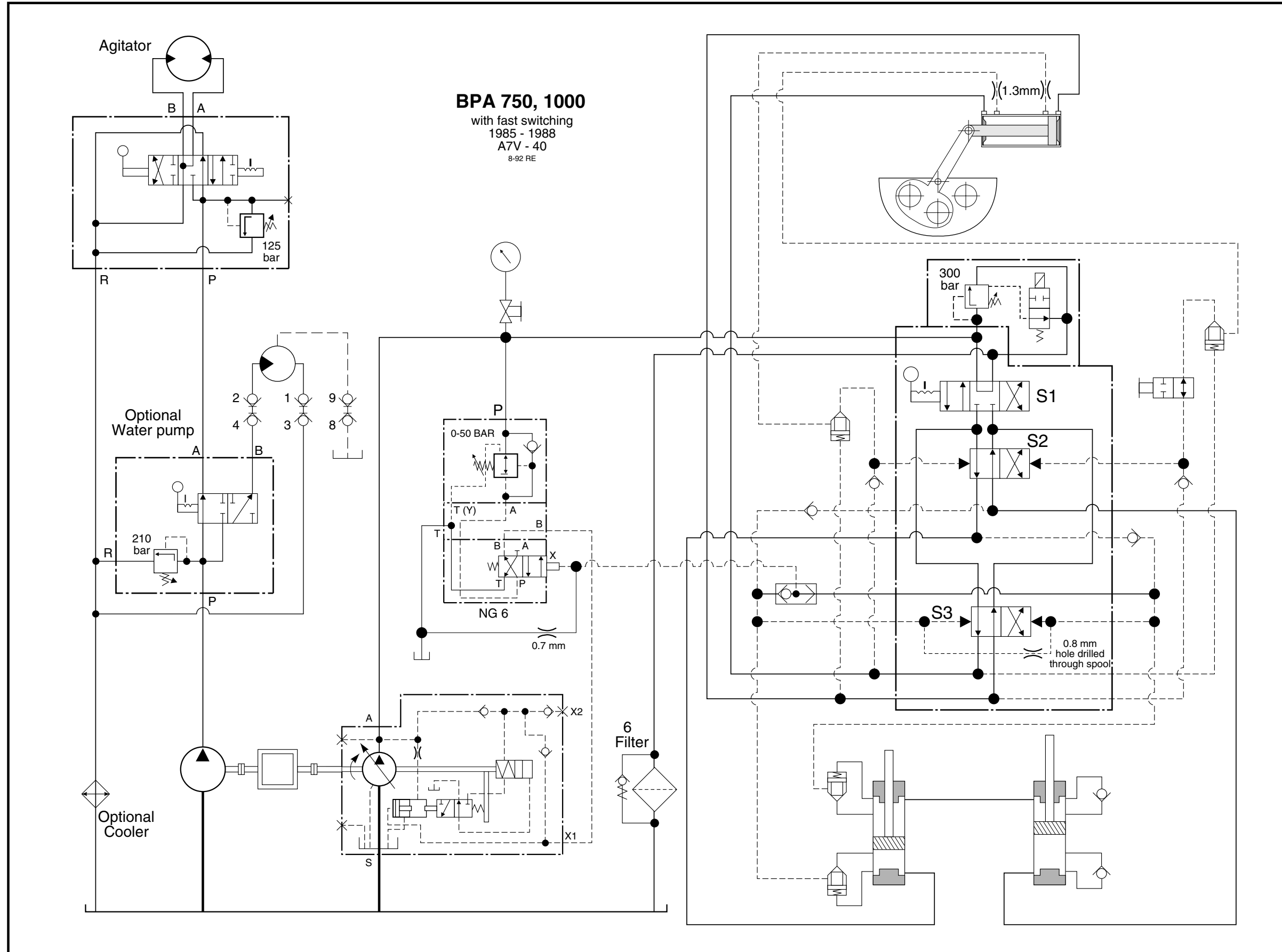
**PRINT # 329386**



PRINT # 329387

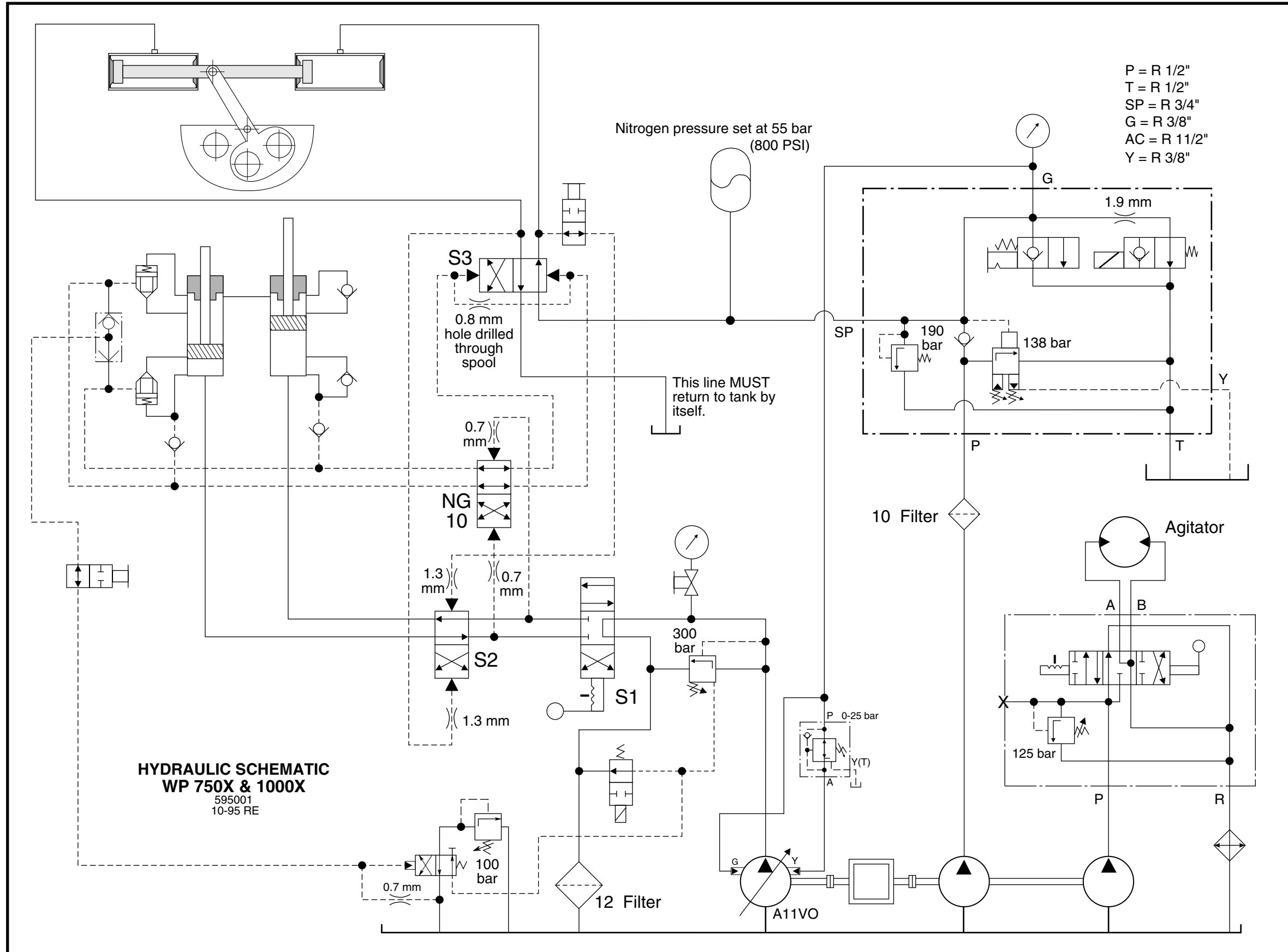
**BPA 750 & 1000**  
with Dampener  
AS PLUMBED  
197190





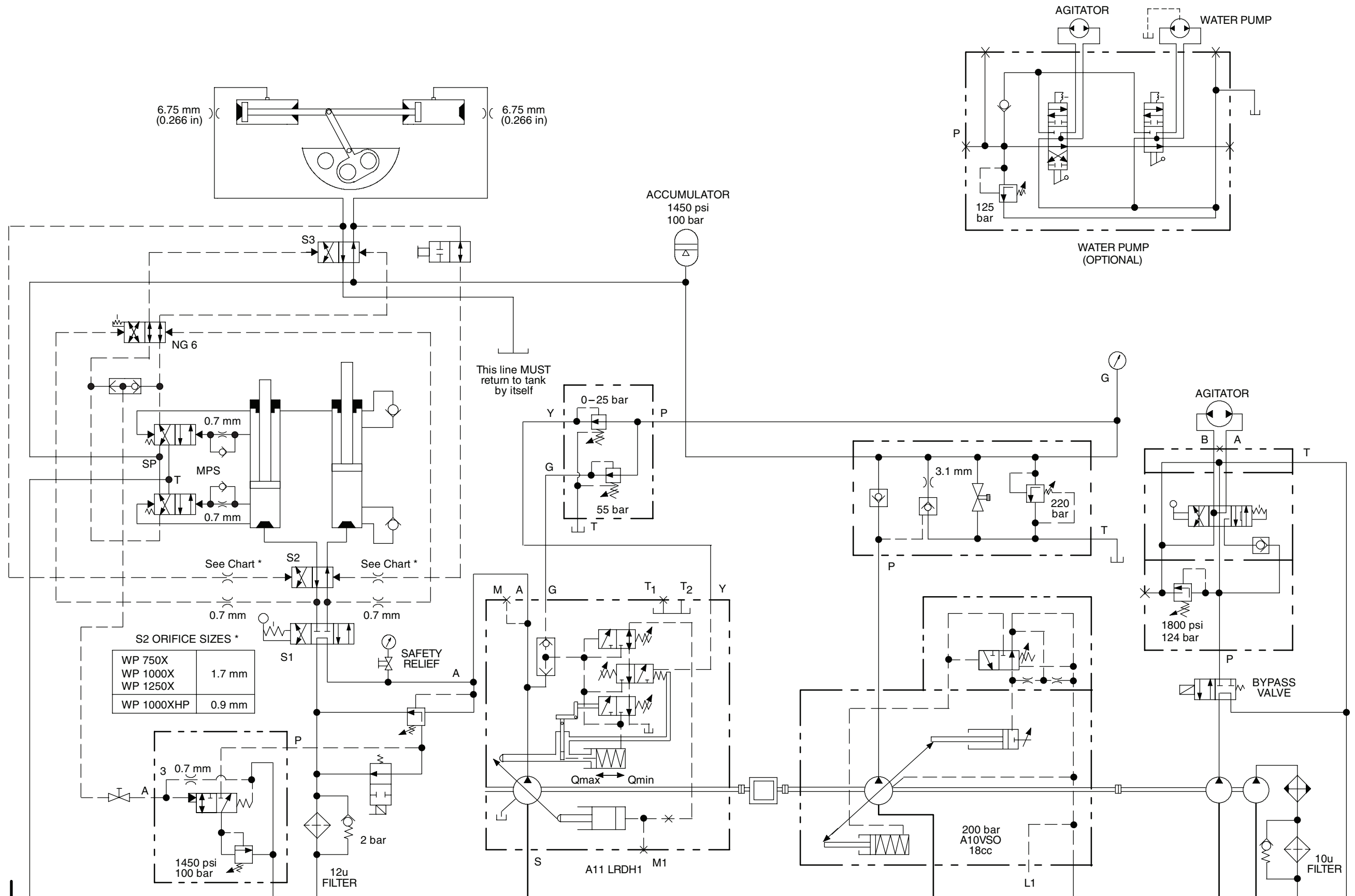
N/A

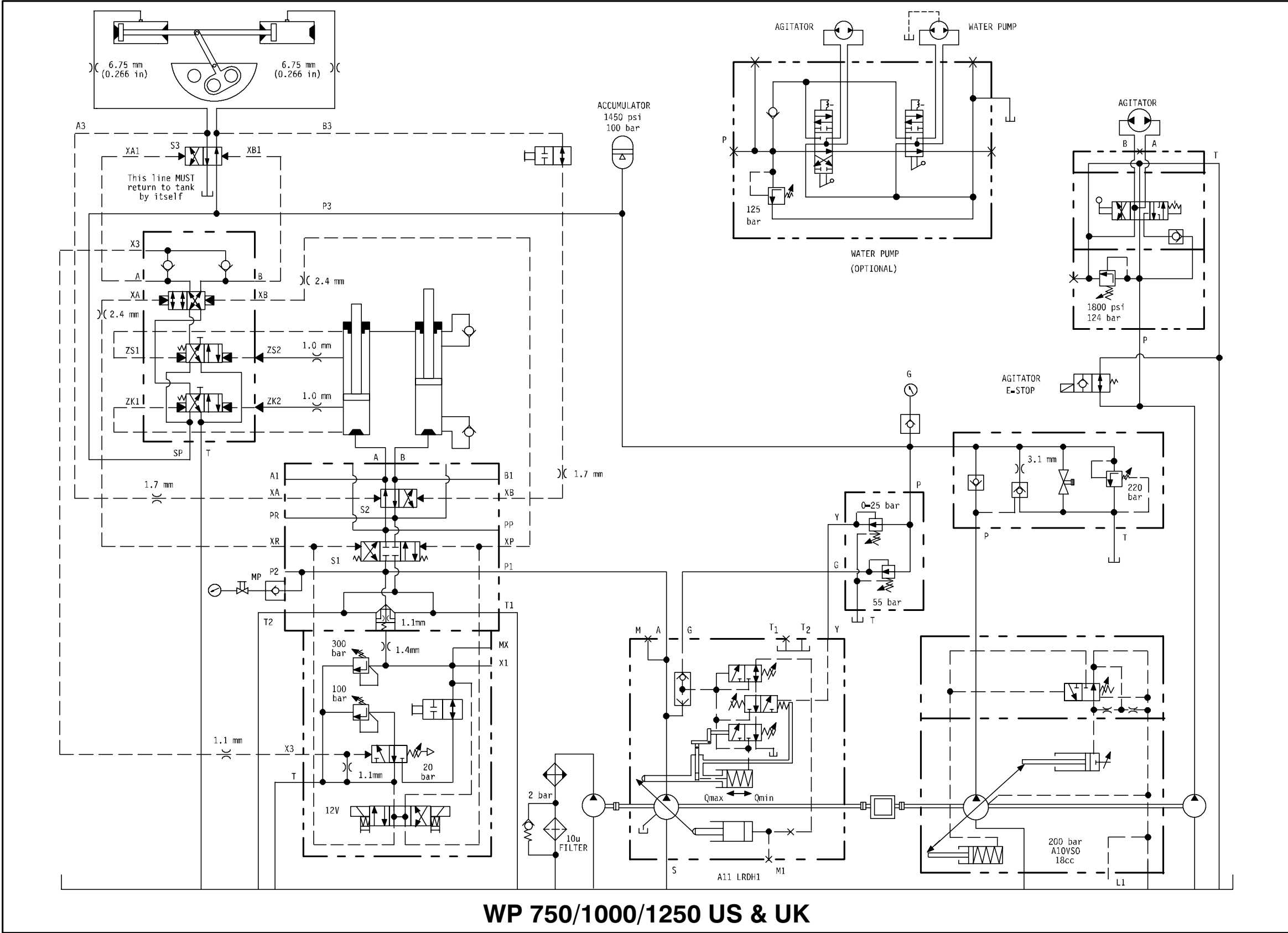
WP 750X & WP 1000X (1995)



HYDRAULIC SCHEMATIC  
WP 750X & 1000X  
595001  
10-95 RE

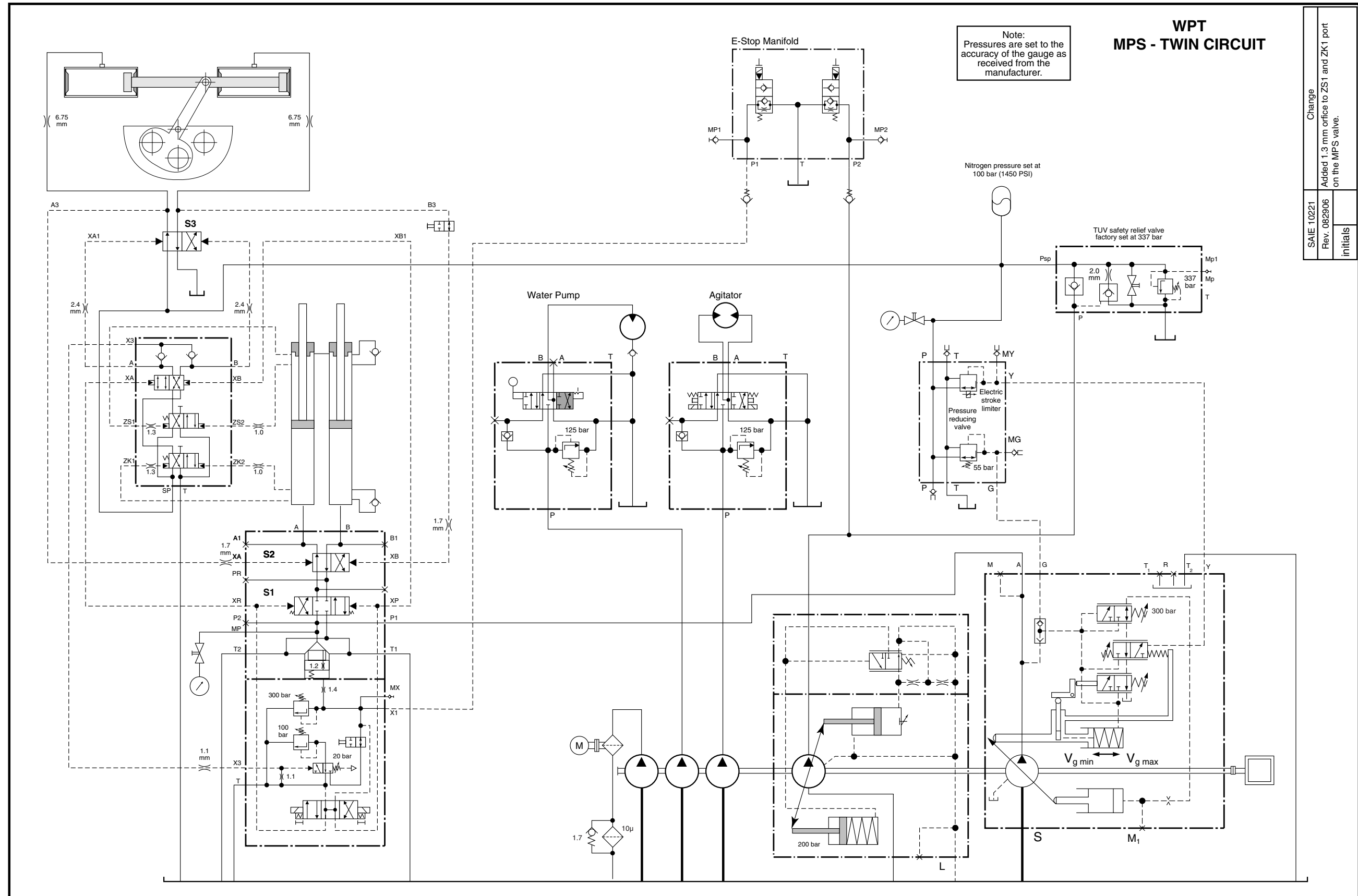
750hysch.eps

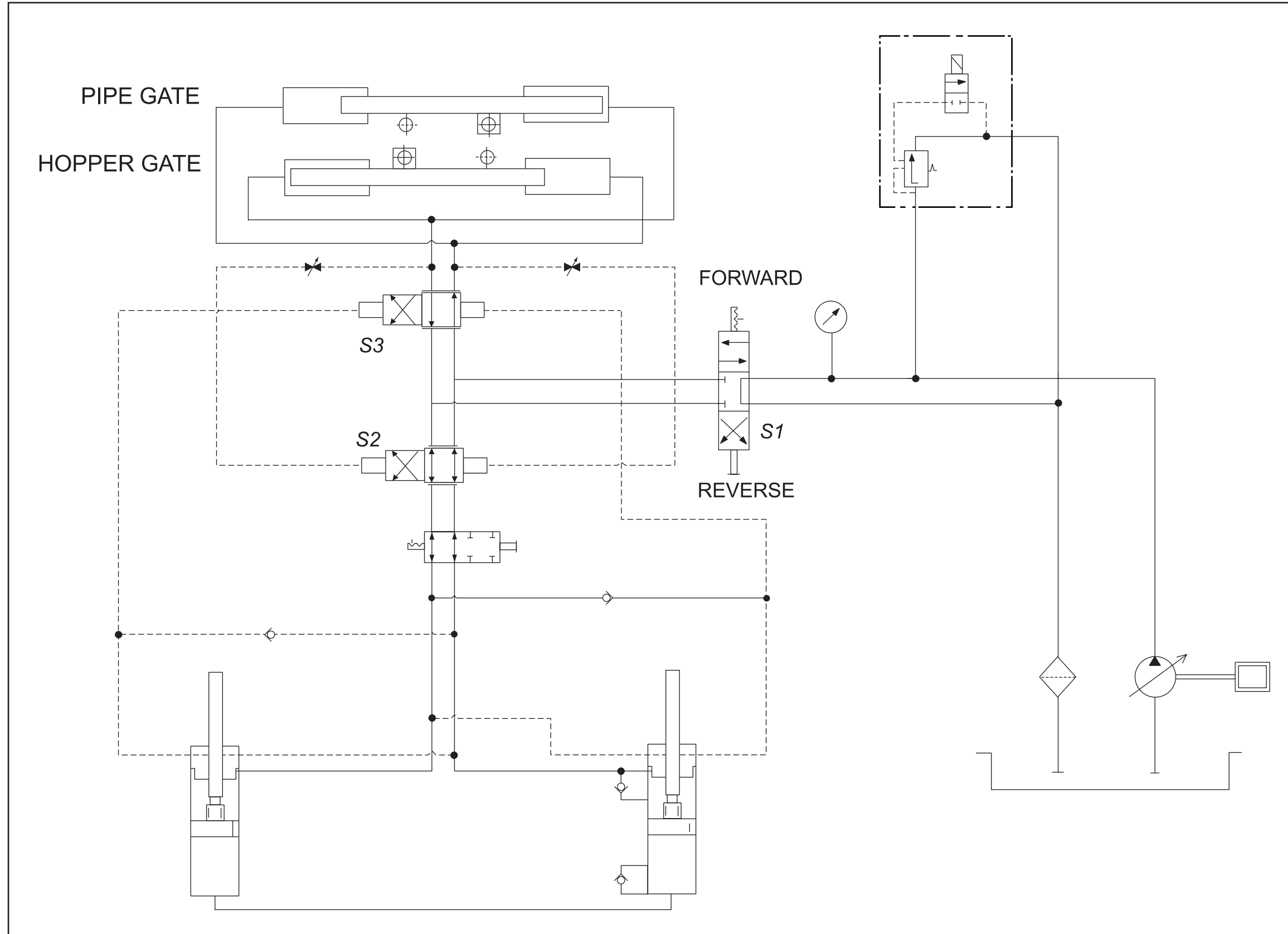


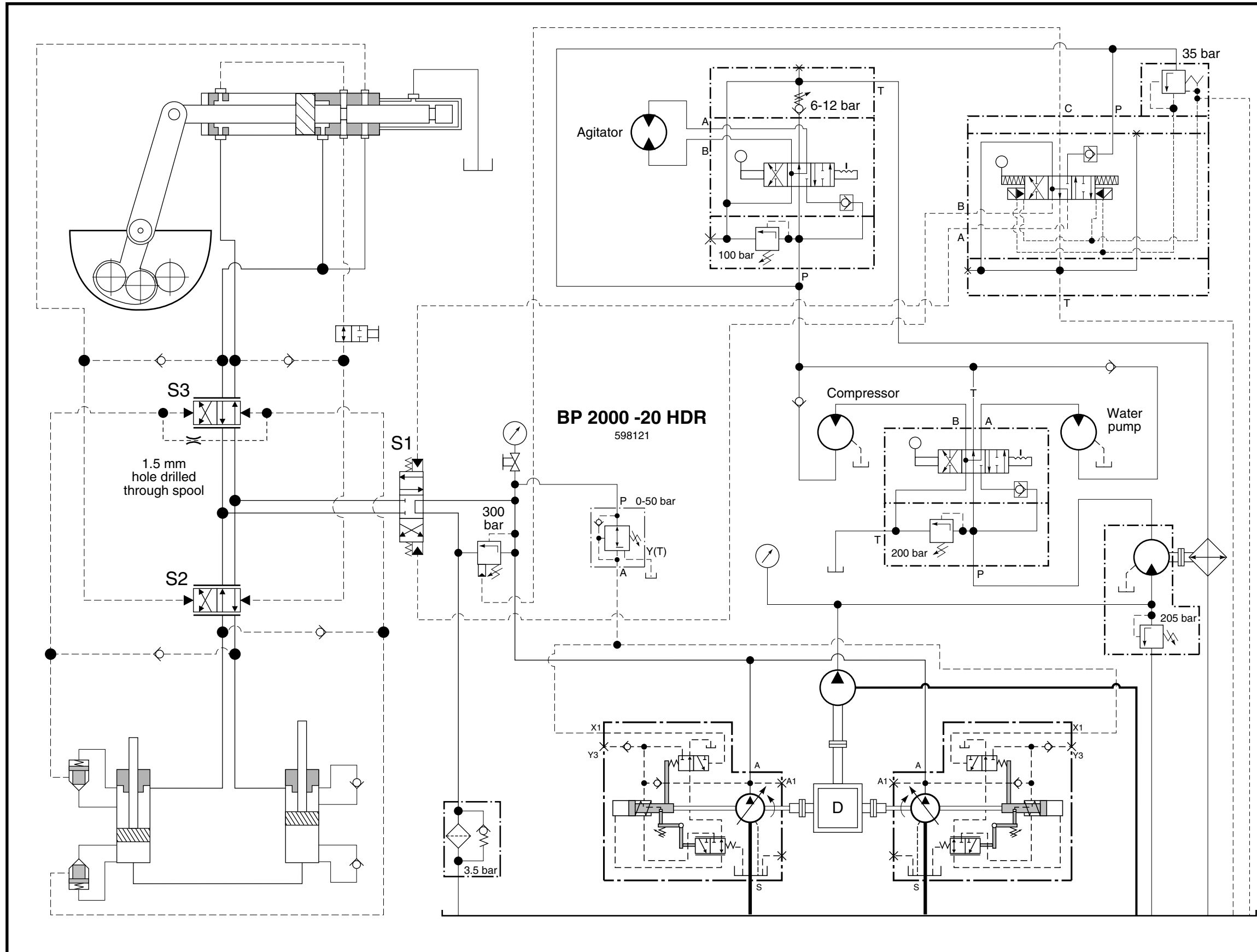


WP 750/1000/1250 US & UK





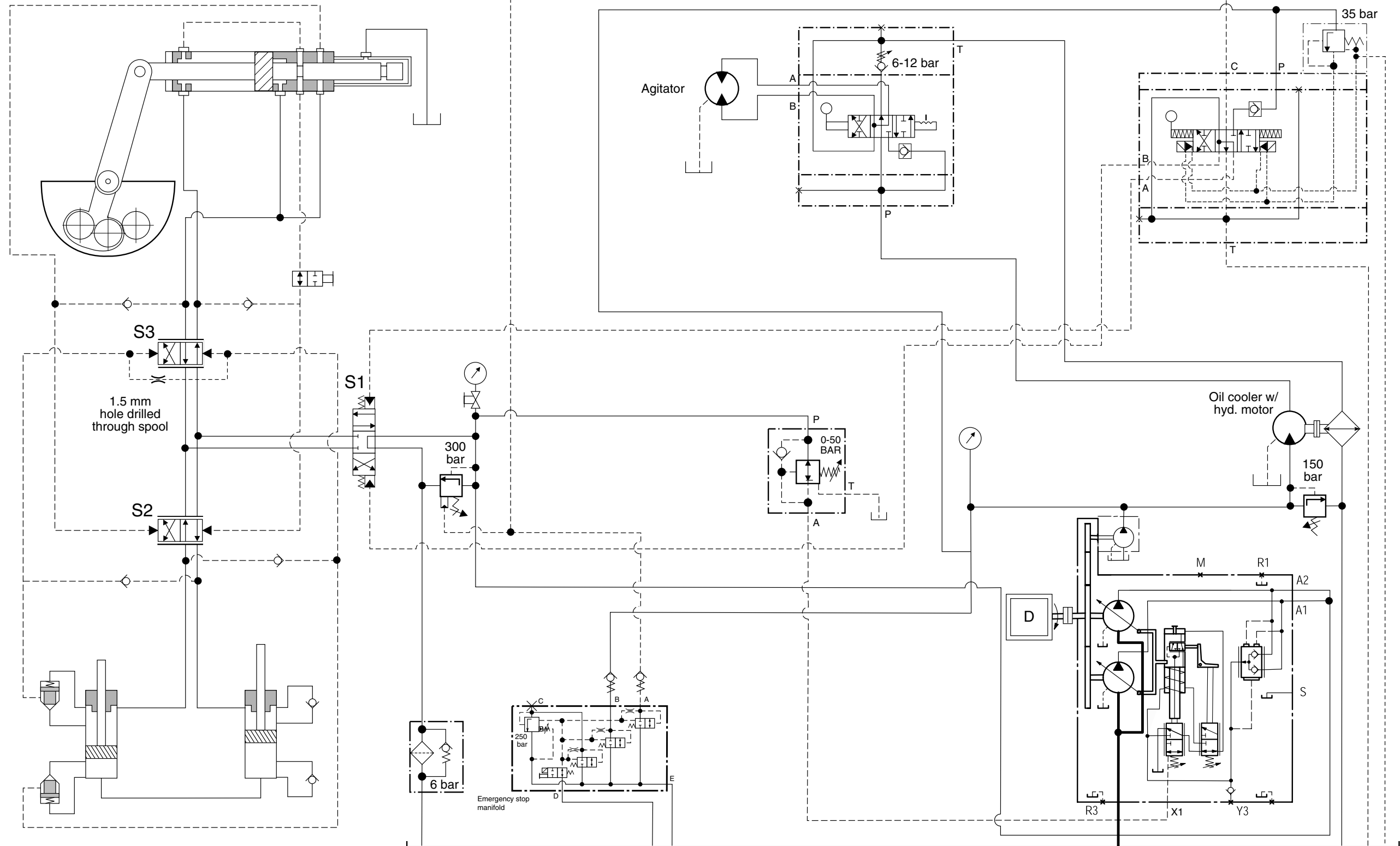


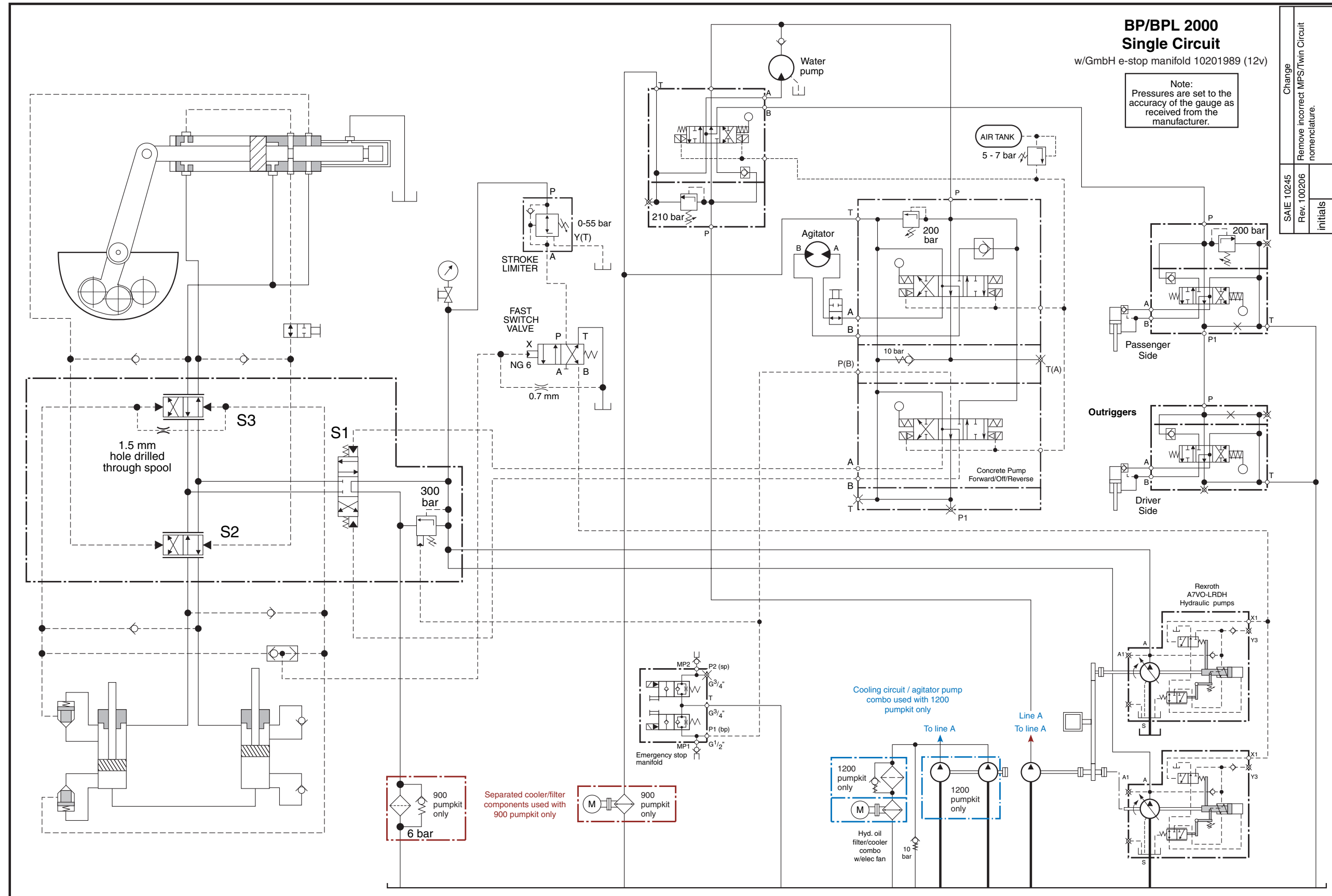


SAIE 10186	Change
Rev. 061500	Release
initials	

Note:  
Pressures are set to the accuracy of the gauge as received from the manufacturer.

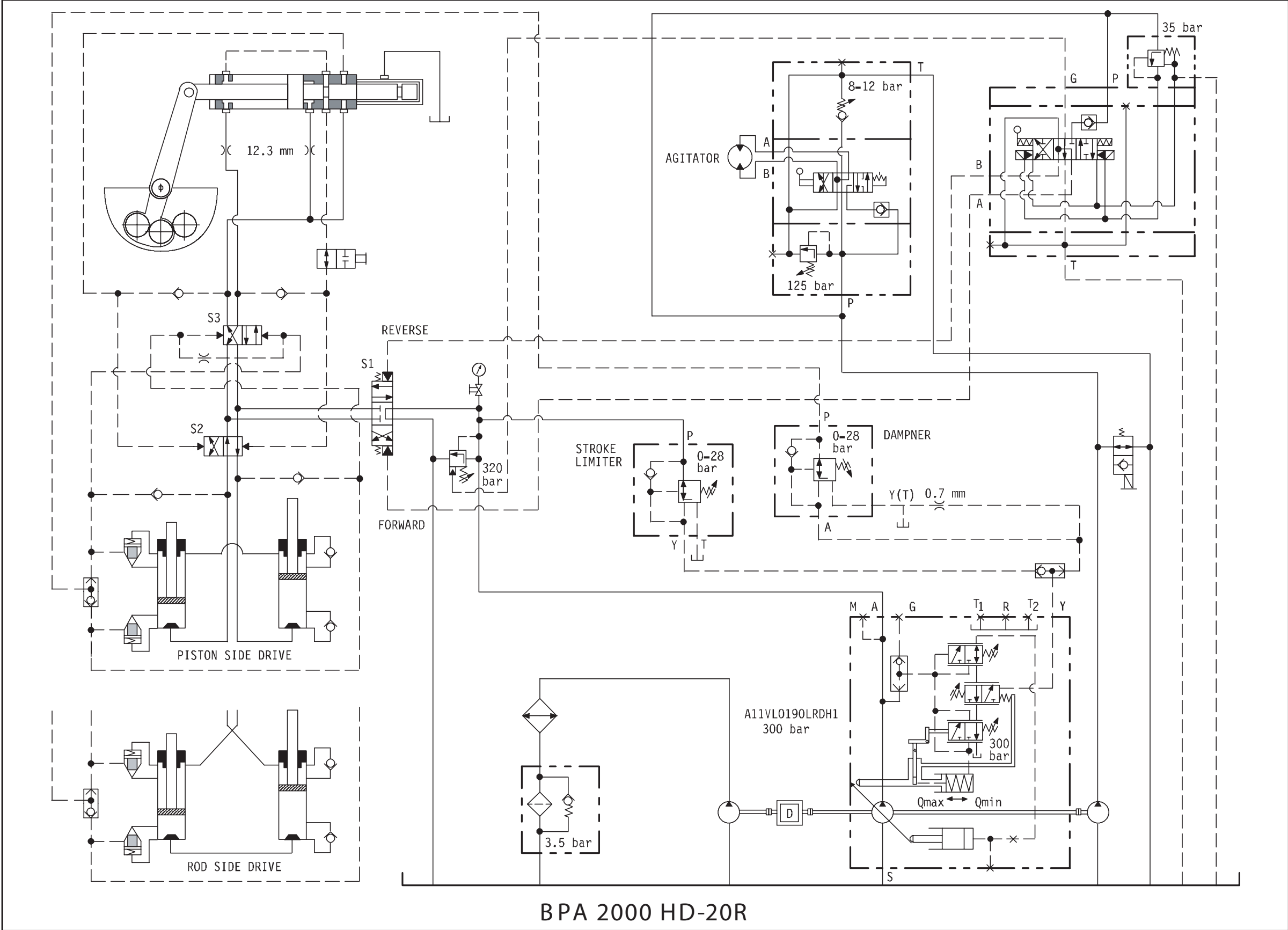
BP 2000 HDR



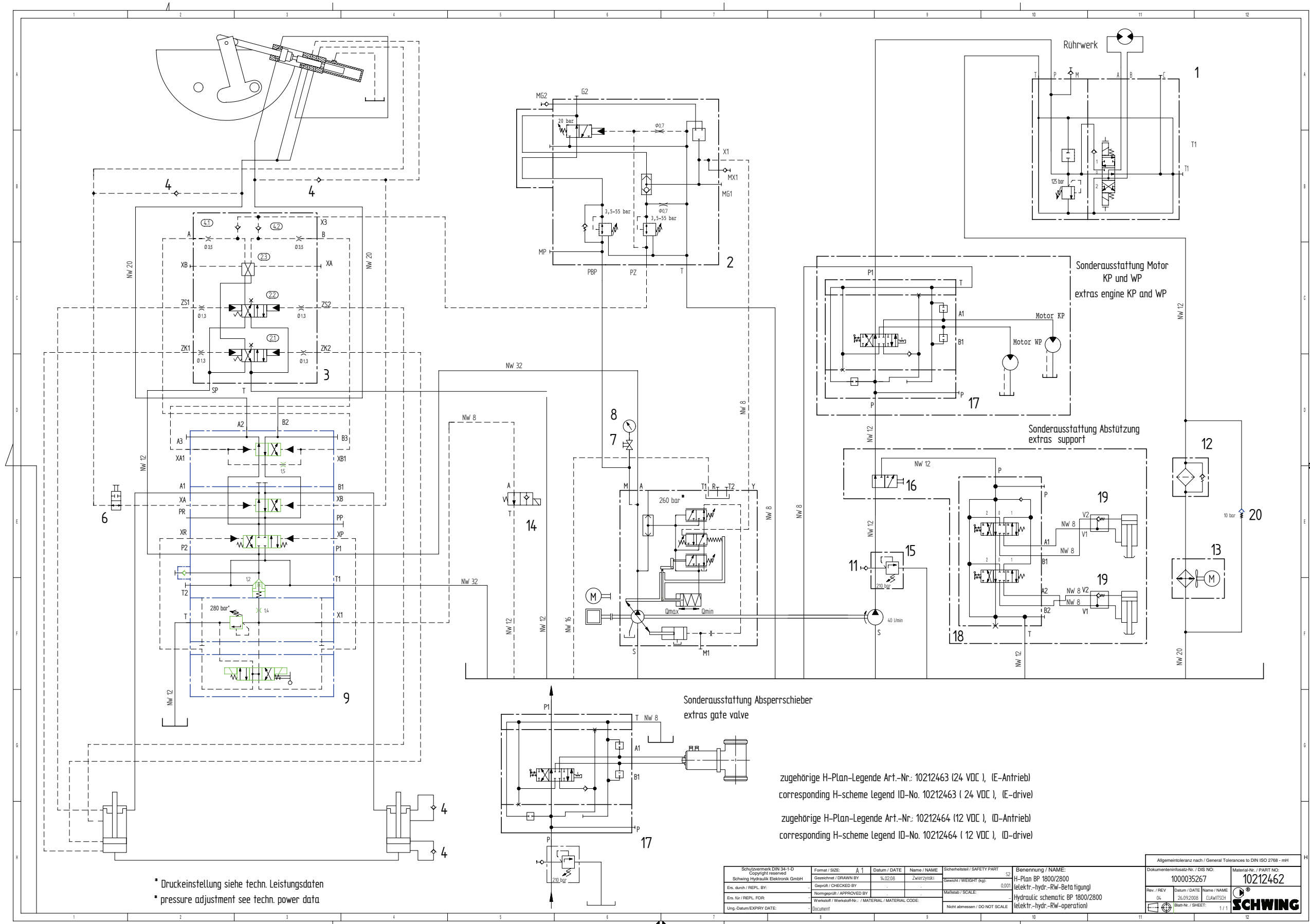


N/A

BPA 2000 HD-20R

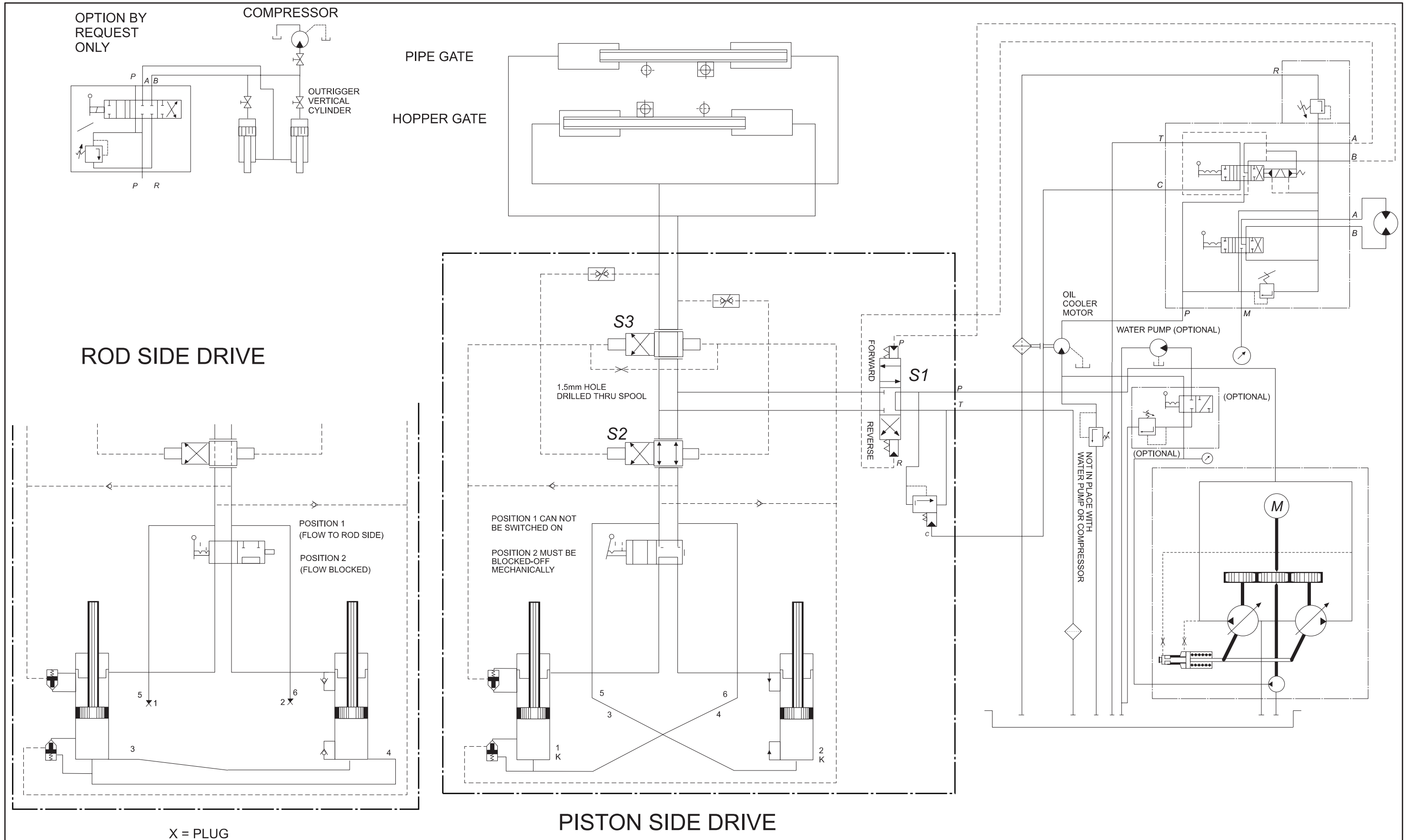


BPA 2000 HD-20R

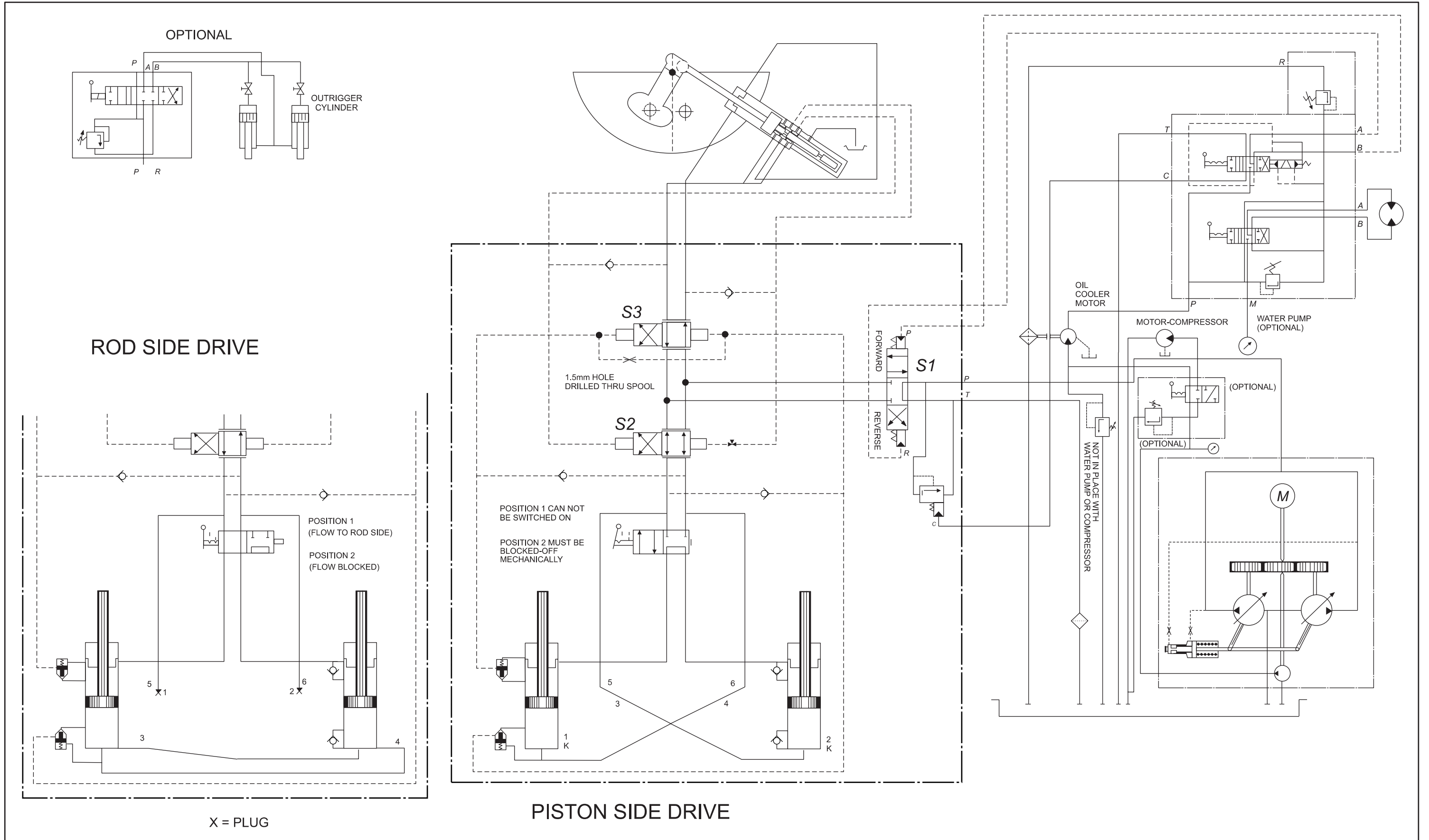


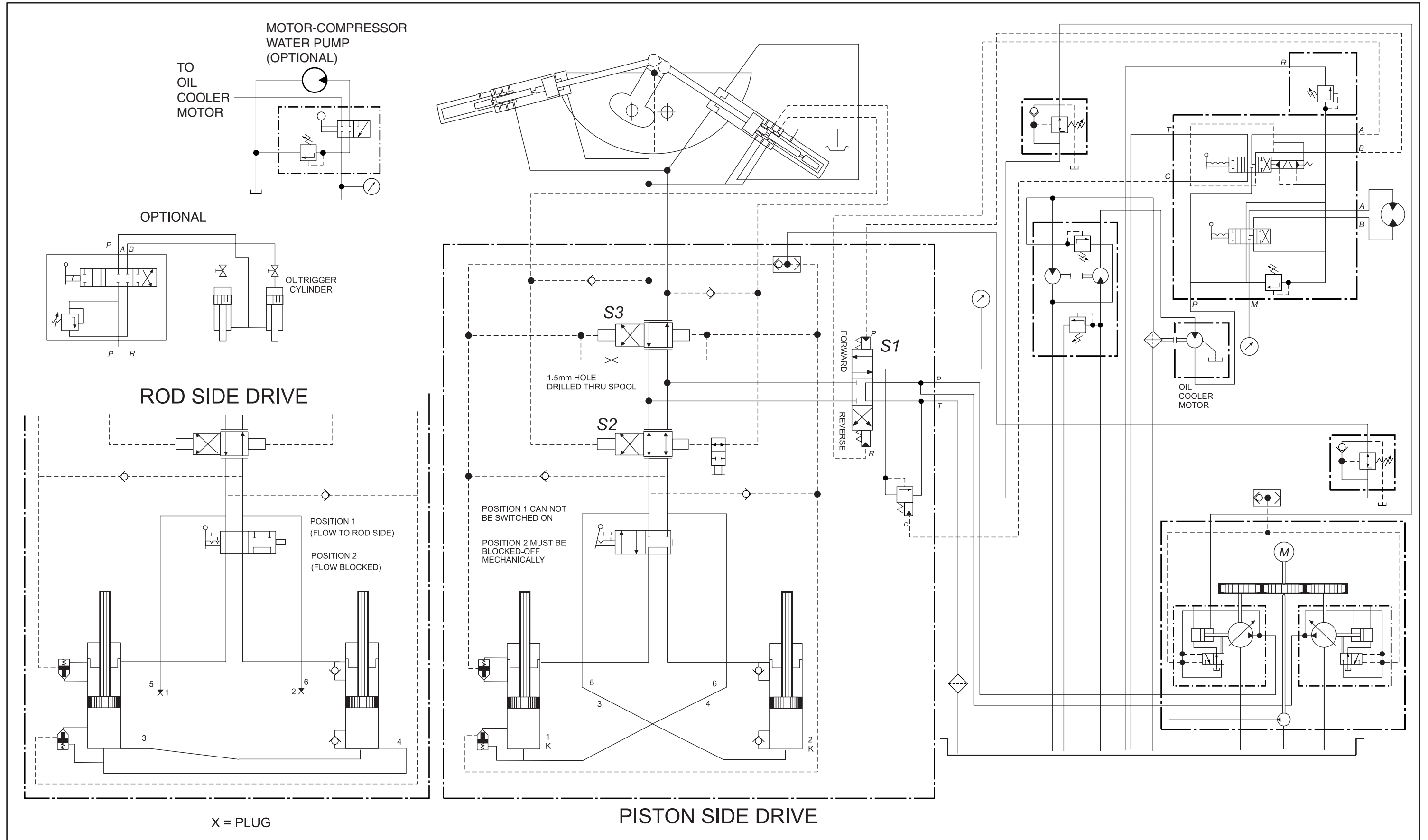
N/A

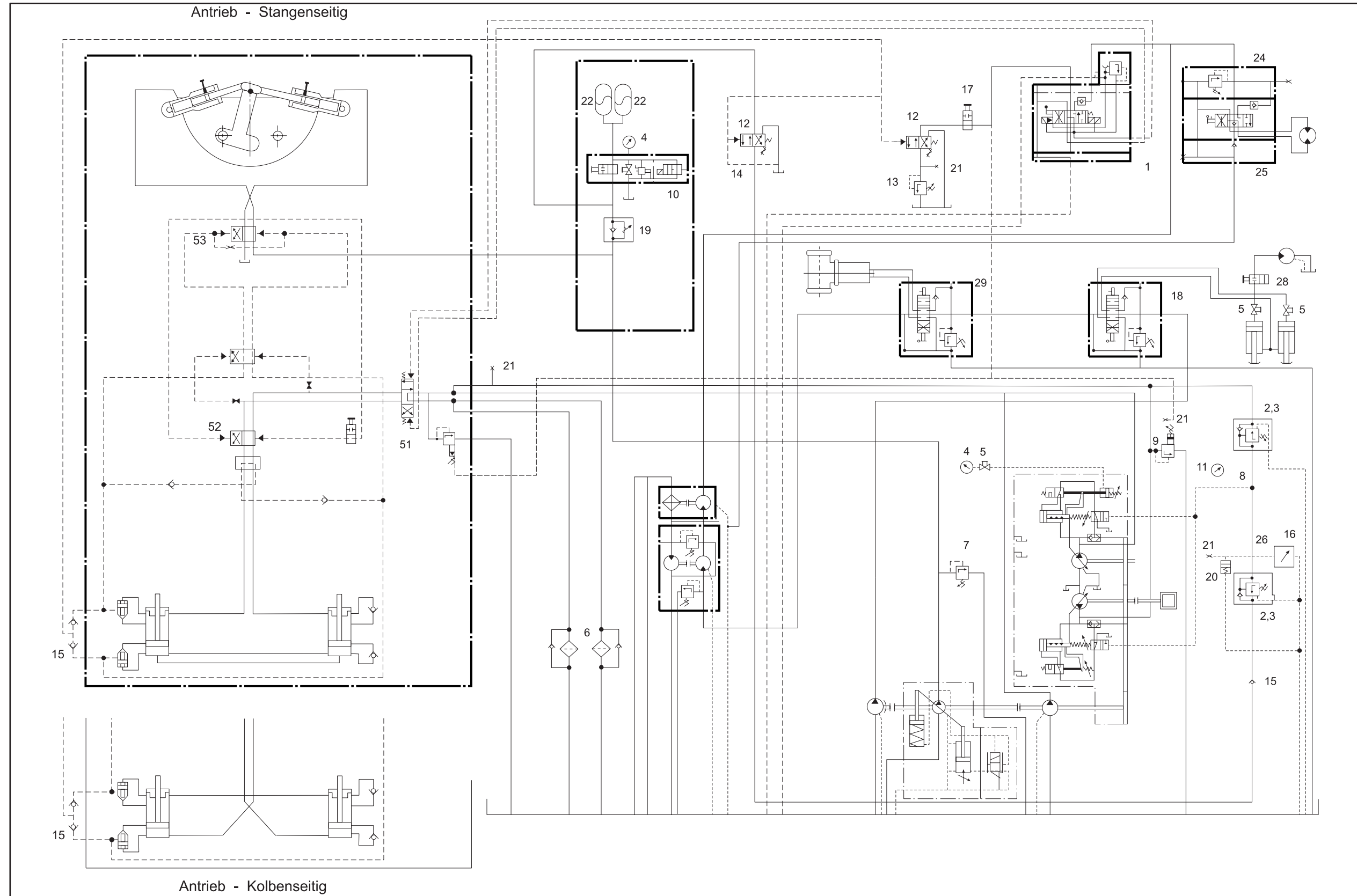
BP 3000 GATE VALVE

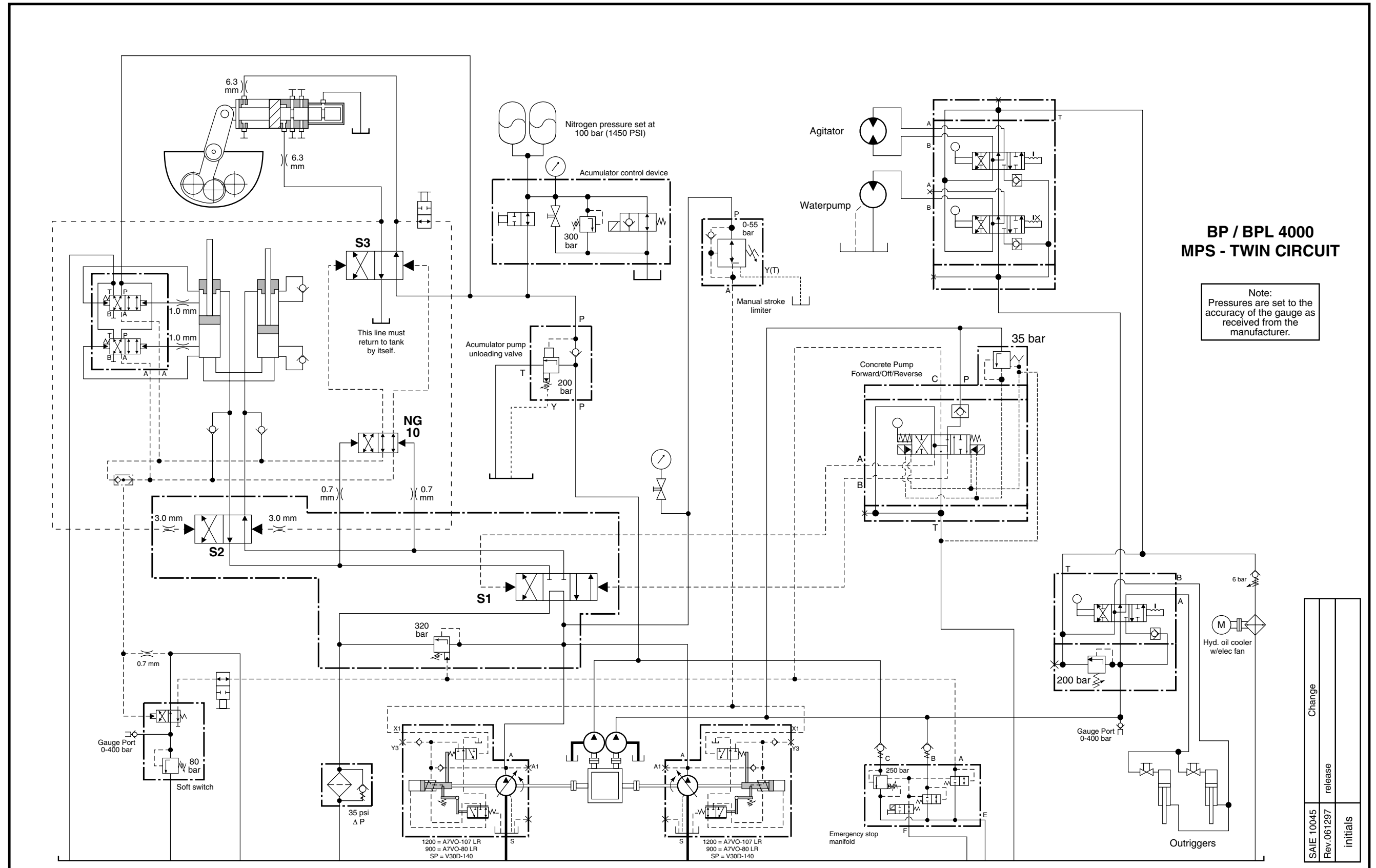


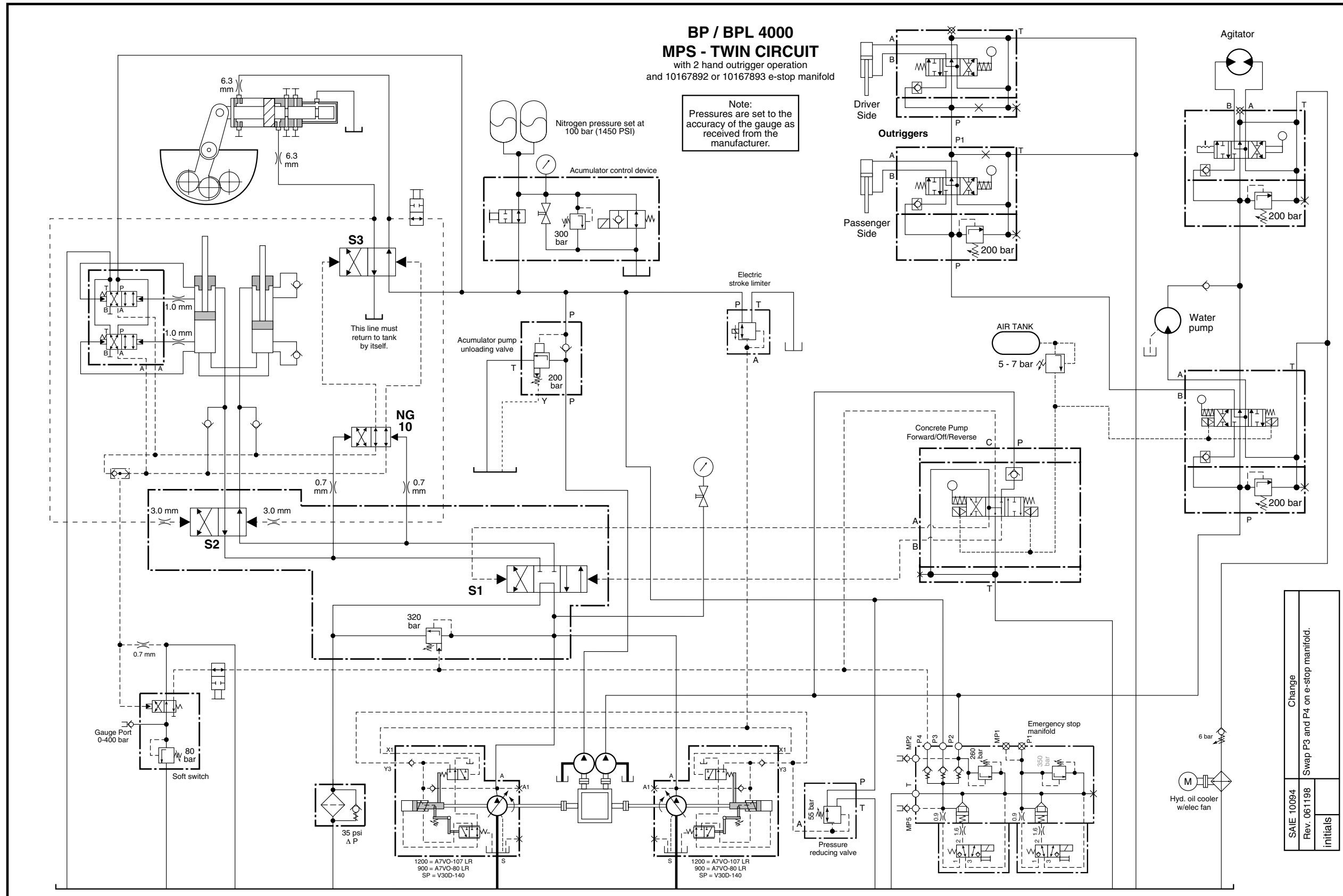


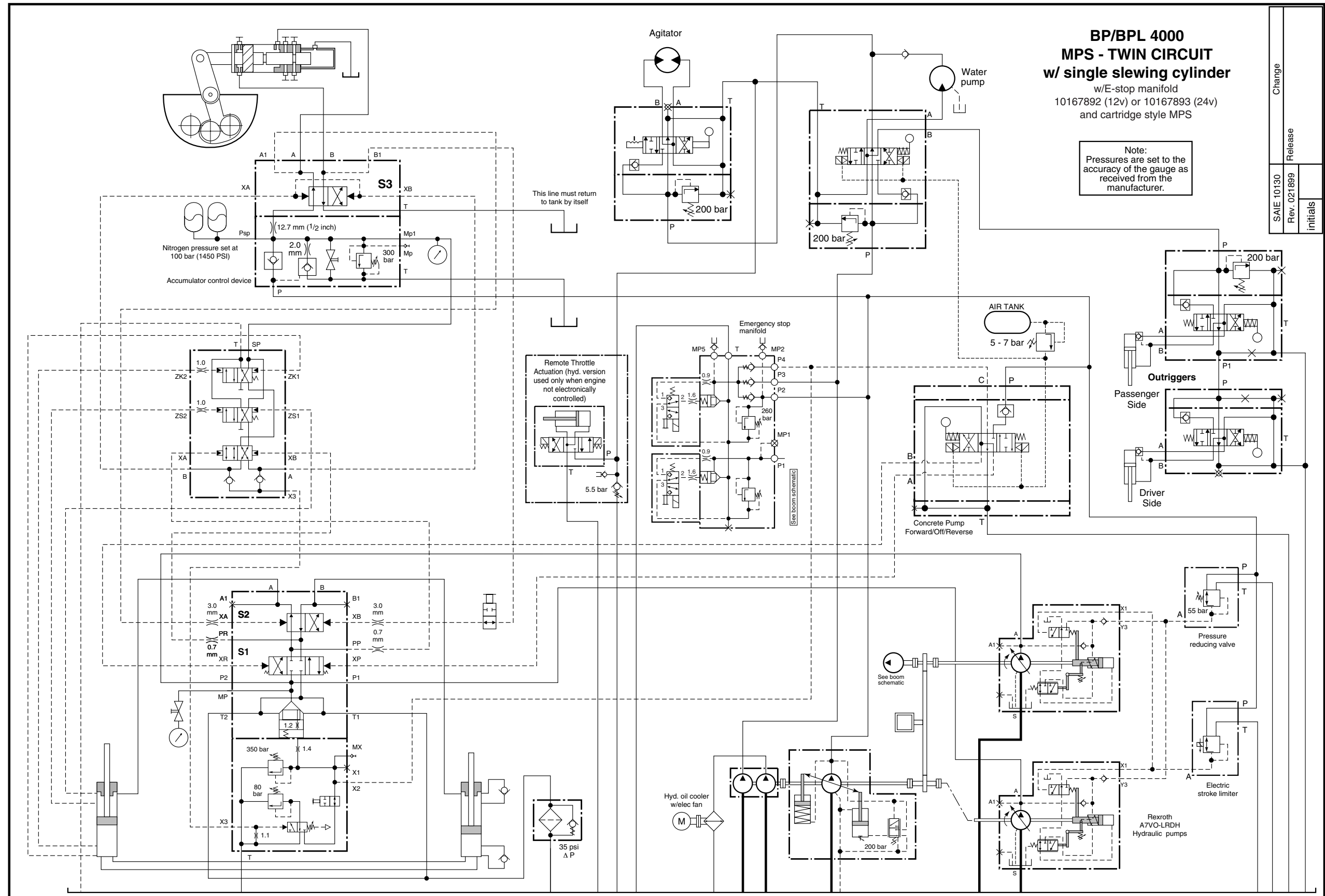


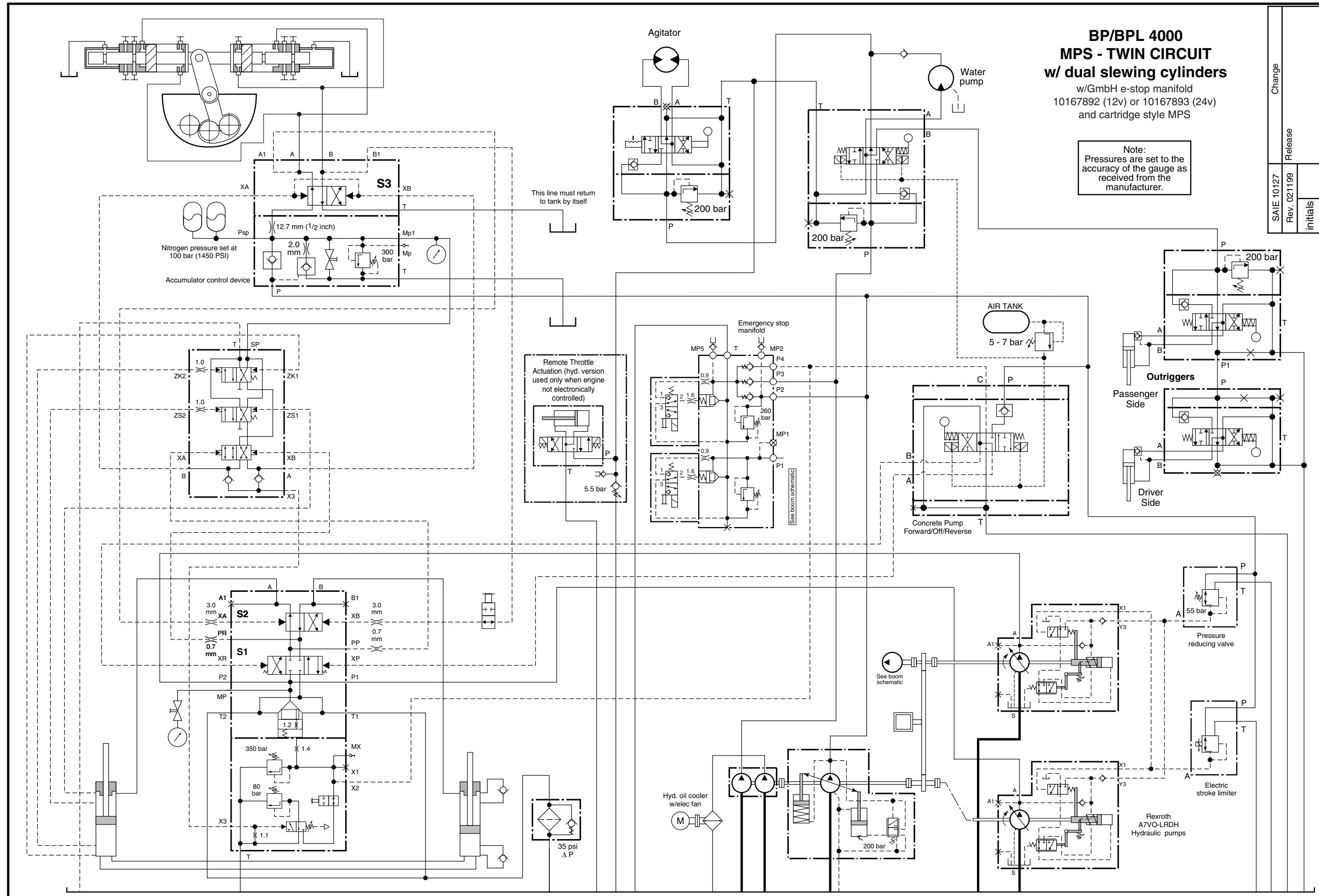








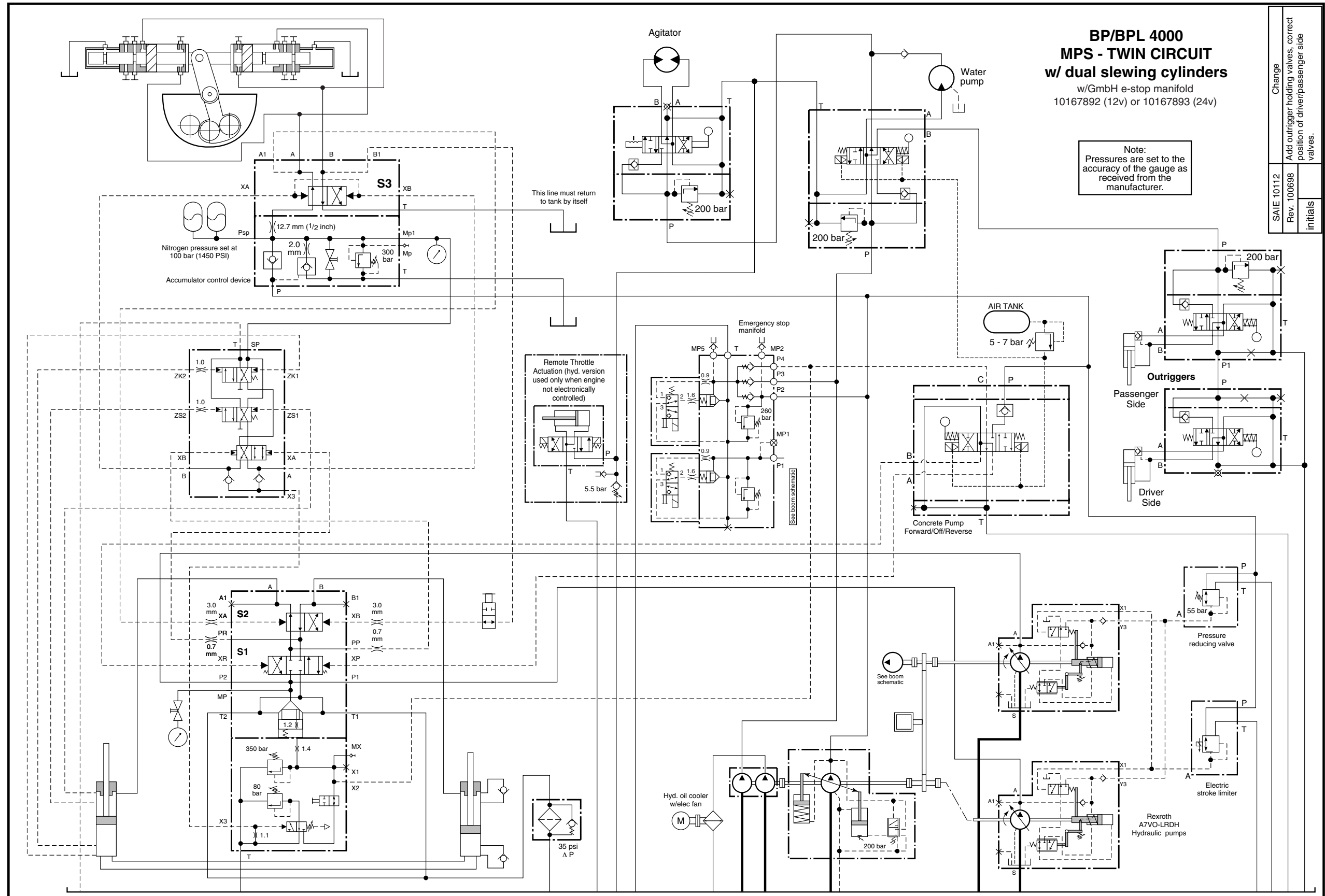




**BP/BPL 4000  
MPS - TWIN CIRCUIT  
w/ dual slewing cylinders**  
w/GmbH e-stop manifold  
10167892 (12v) or 10167893 (24v)  
and cartridge style MPS

Note:  
Pressures are set to the  
accuracy of the gauge as  
received from the  
manufacturer.

Change
Release
SAIE 10127
Rev. 021199
initials

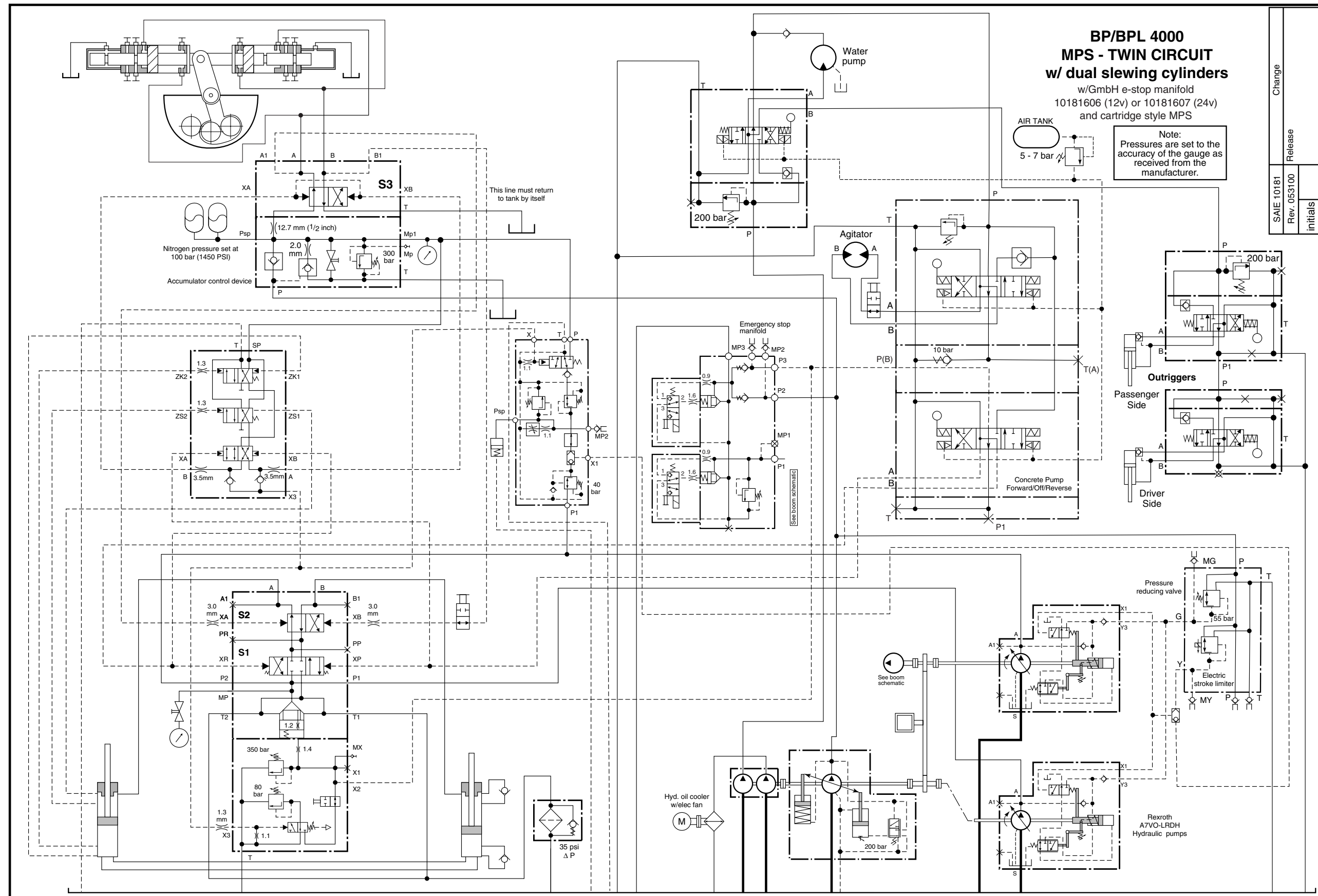


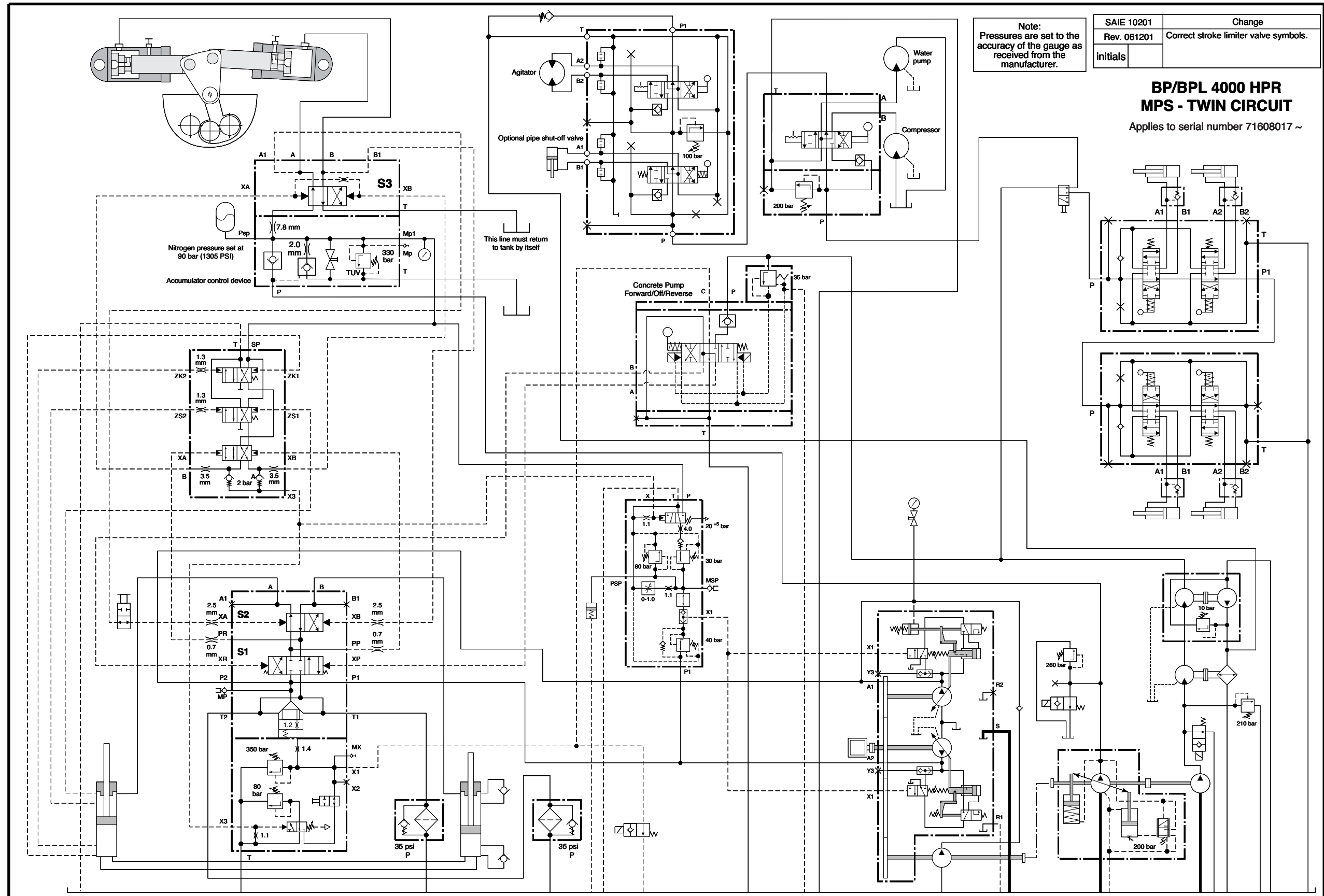
**BP/BPL 4000  
MPS - TWIN CIRCUIT  
w/ dual slewing cylinders**  
w/GmbH e-stop manifold  
10167892 (12v) or 10167893 (24v)

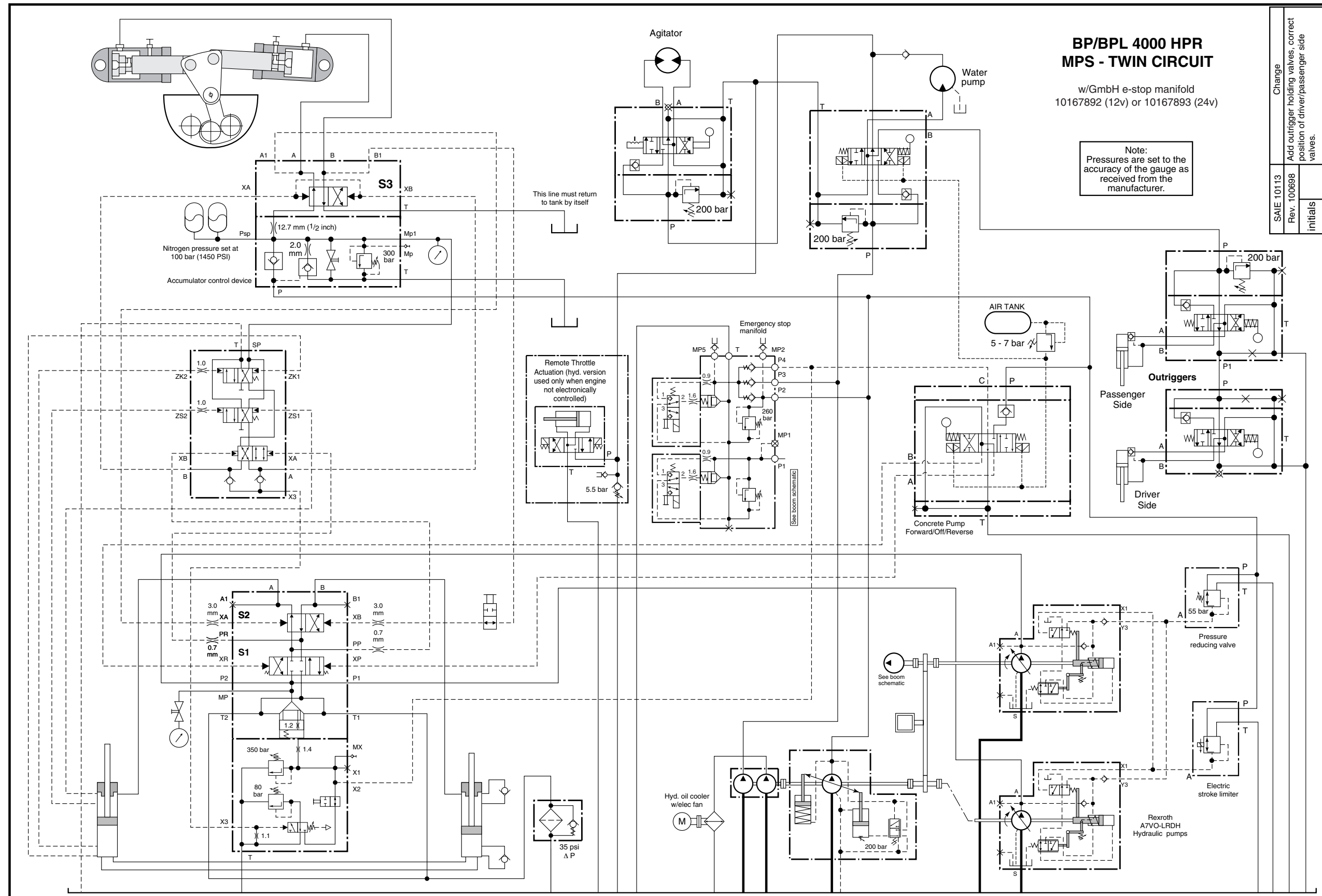
Note:  
Pressures are set to the  
accuracy of the gauge as  
received from the  
manufacturer.

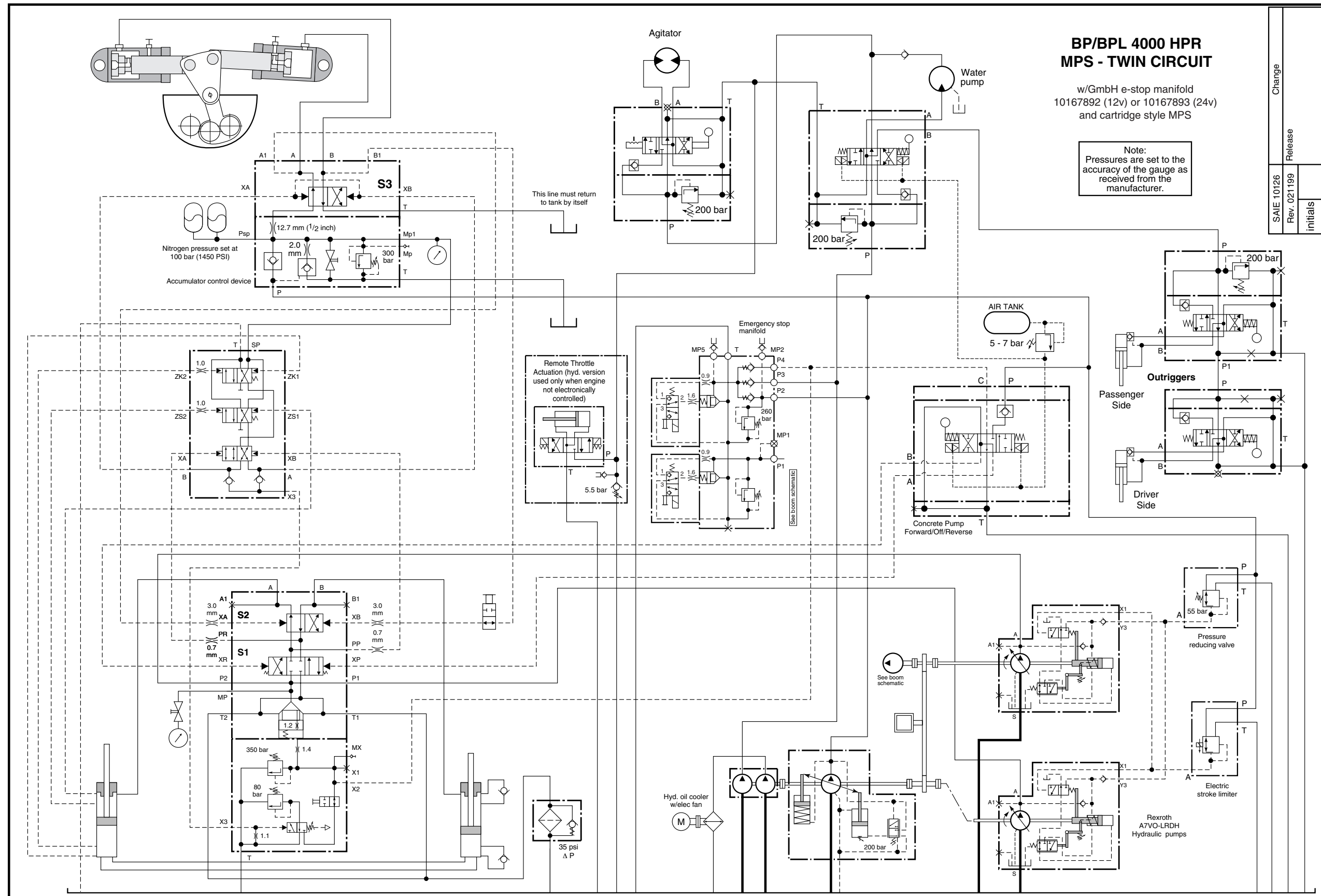
Change	Add outrigger holding valves, correct position of driver/passenger side valves.
SAIE 10112	initials
Rev. 100698	







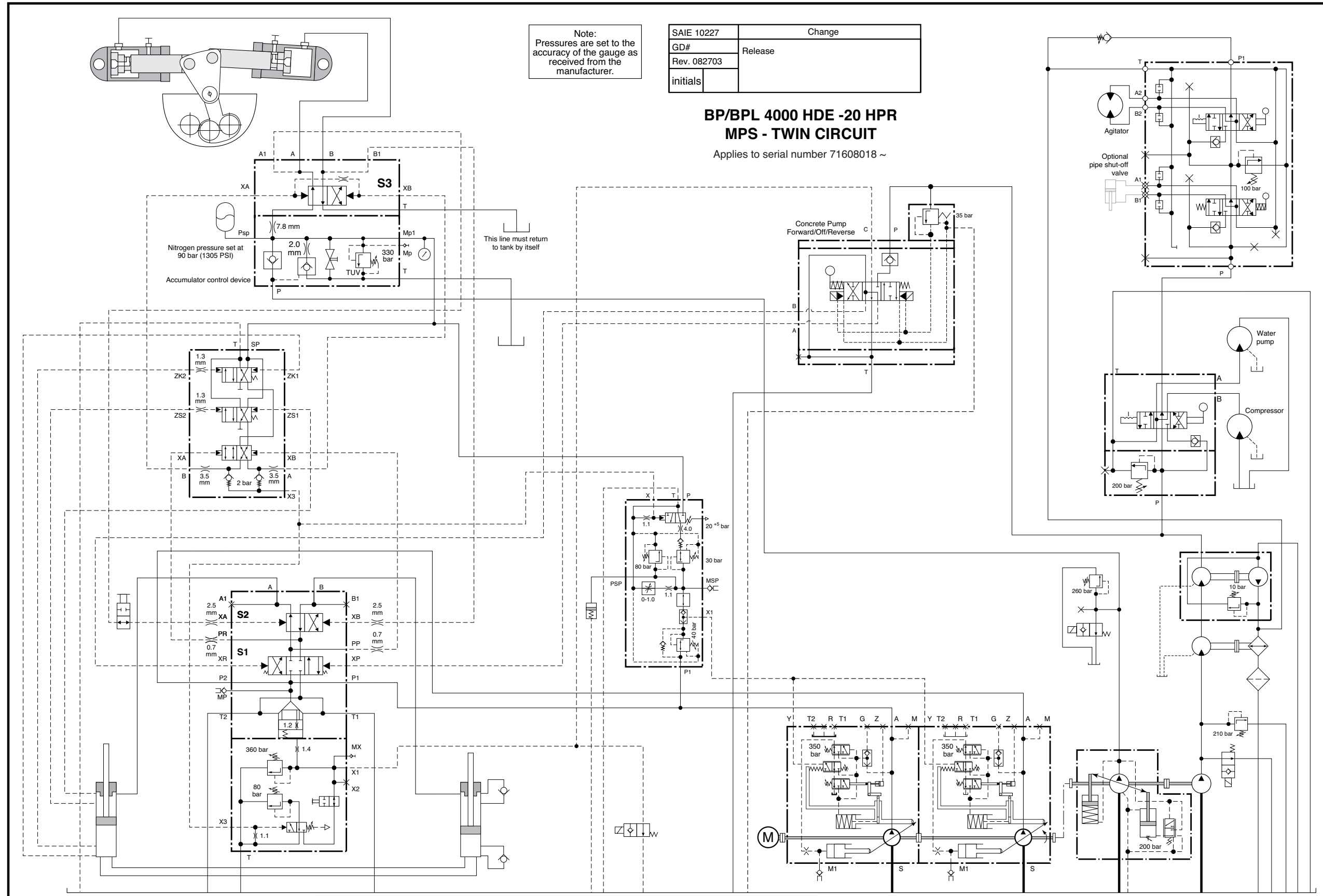




**BP/BPL 4000 HPR  
MPS - TWIN CIRCUIT**  
w/GmbH e-stop manifold  
10167892 (12v) or 10167893 (24v)  
and cartridge style MPS

Note:  
Pressures are set to the  
accuracy of the gauge as  
received from the  
manufacturer.

Change	
Release	
SAIE 10126	initials
Rev. 021199	

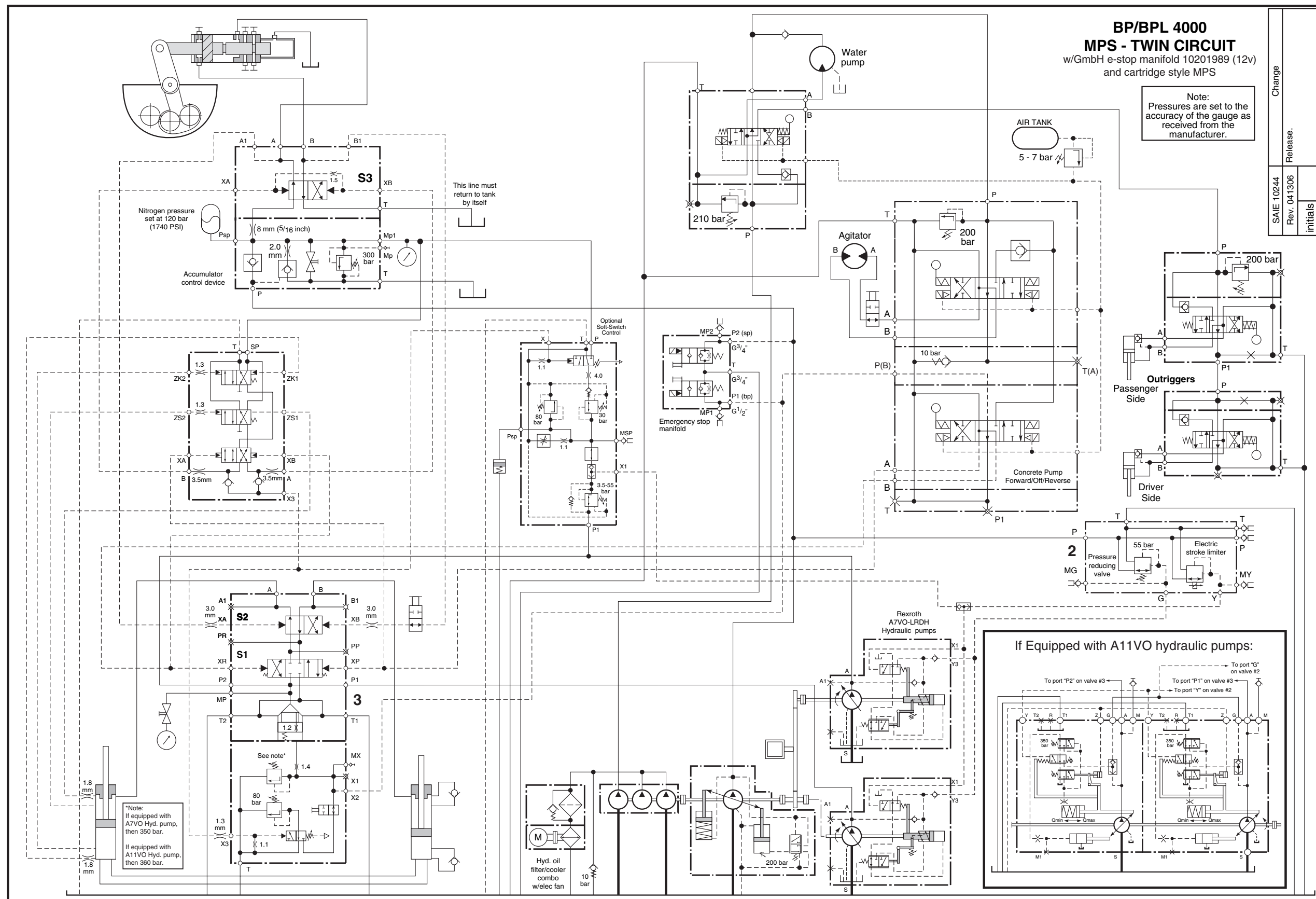


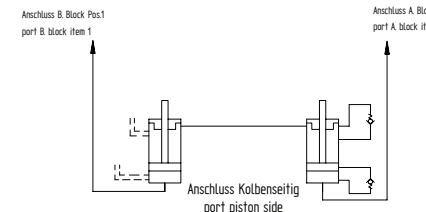
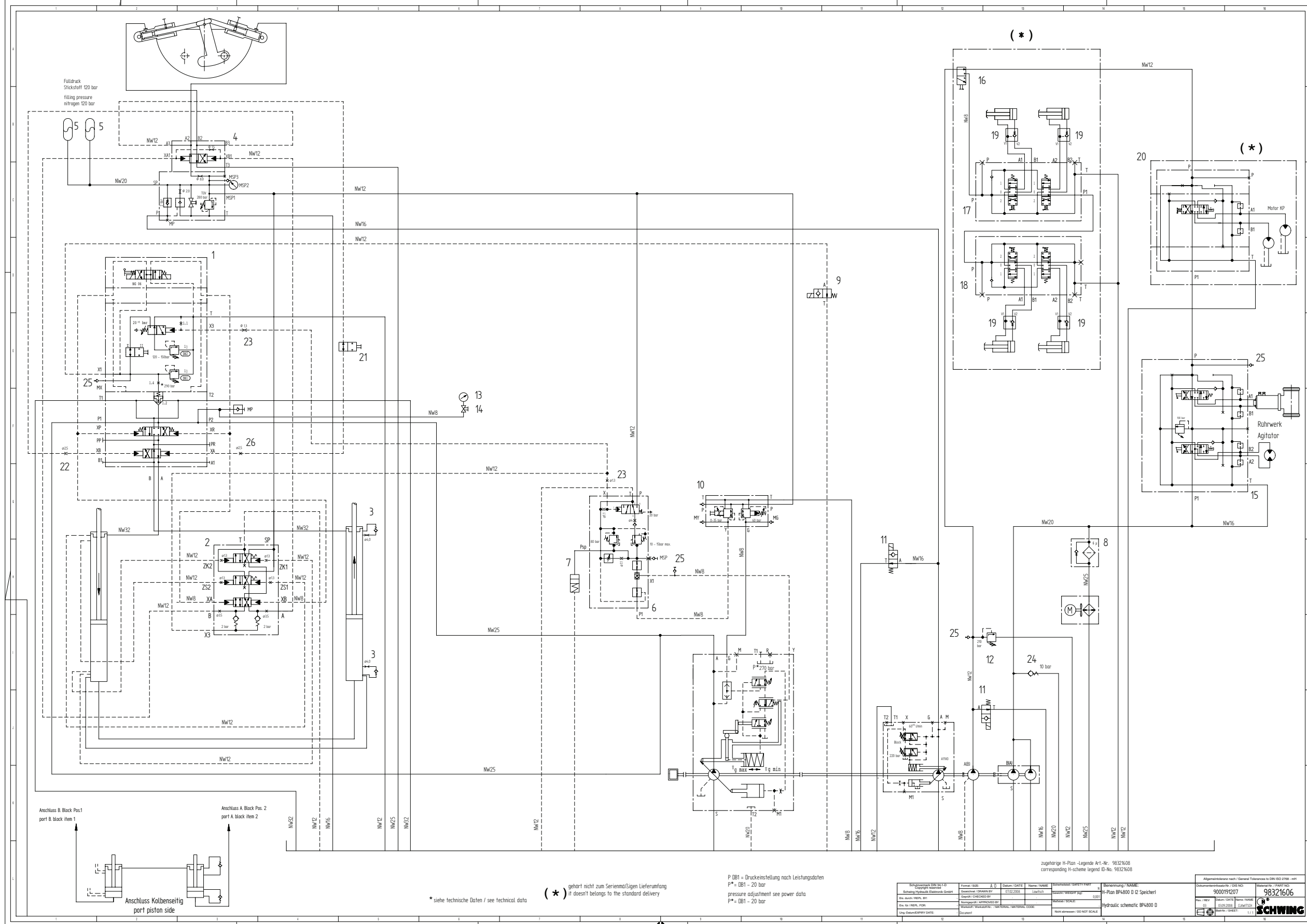
Note:  
Pressures are set to the accuracy of the gauge as received from the manufacturer.

SAE 10227	Change
GD#	Release
Rev. 082703	
initials	

**BP/BPL 4000 HDE -20 HPR  
MPS - TWIN CIRCUIT**

Applies to serial number 71608018 ~





\* siehe technische Daten / see technical data

(\*) gehört nicht zum Serienmäßigen Lieferumfang  
it doesn't belong to the standard delivery

P 0.25 = Druckeinstellung nach Leistungsdaten  
P\* = 0.25 = 20 bar  
pressure adjustment see power data  
P\* = 0.25 = 20 bar

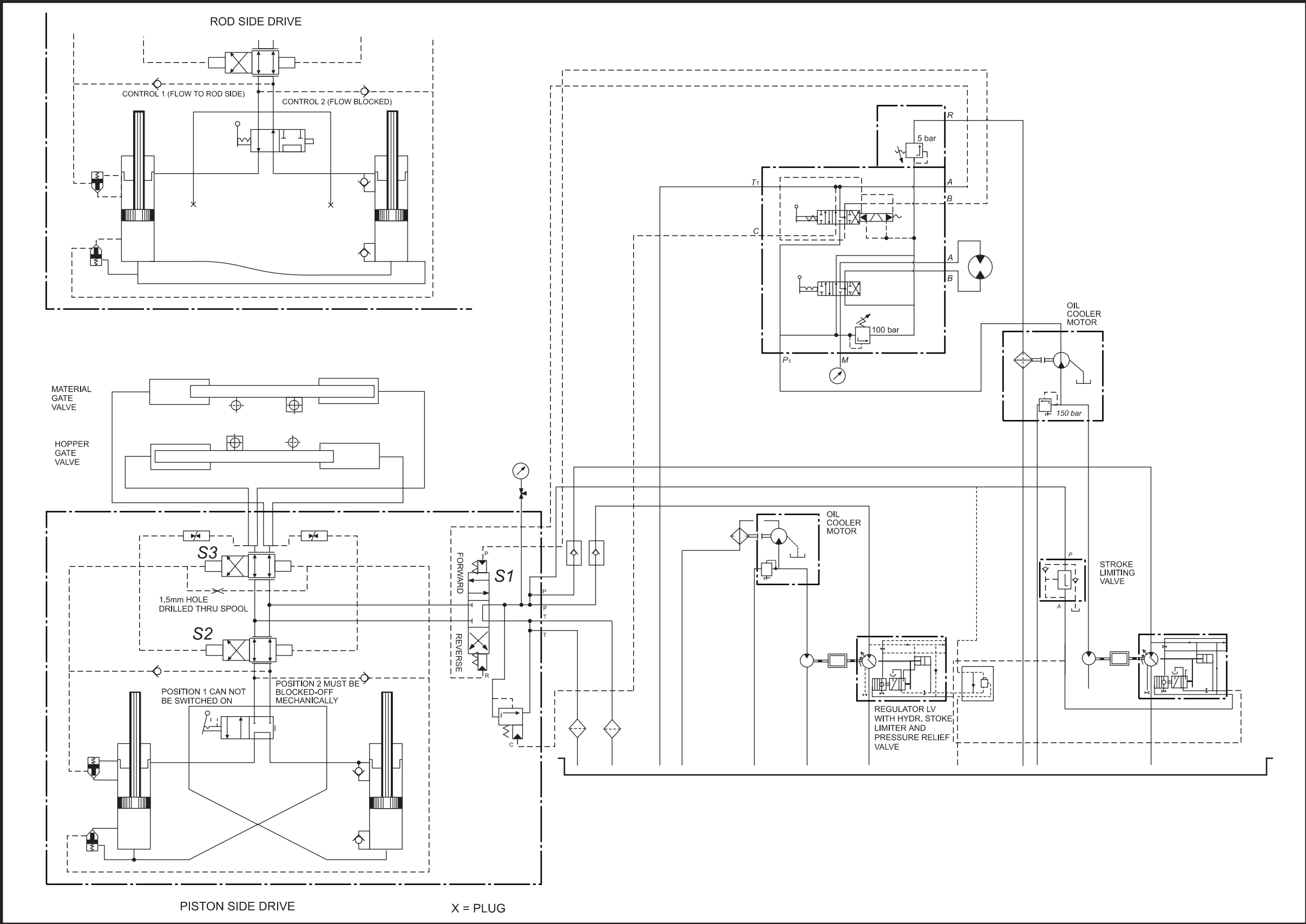
Zugehörige H-Plan-Legende A1-Nr.: 98321608  
corresponding H-scheme legend ID-No.: 98321608

Zeichnungsnummer / Drawing No.: 98321606 Rev.: 01 Datum / Date: 01/2008 Entw. / Design: J. B. / J. B. Fertigung / Production: H. B. / H. B. Prüfer / Inspector: H. B. / H. B.	Material / Material: 1.4571 Farbe / Color: blau / blue Oberflächenbeschichtung / Surface coating: Zink / zinc Schutzschicht / Protective layer: 10 µm / 10 µm	Baubestandteil / Component: H-Plan 8P4800 D 02 Speicher / H-Plan 8P4800 D 02 Speicher Hersteller / Manufacturer: SCHWING	Zeichnungsbereich / Drawing area: 1.1 / 1.1 Gezeichnet / Drawn: J. B. / J. B. Geprüft / Checked: H. B. / H. B. Freigegeben / Released: H. B. / H. B.
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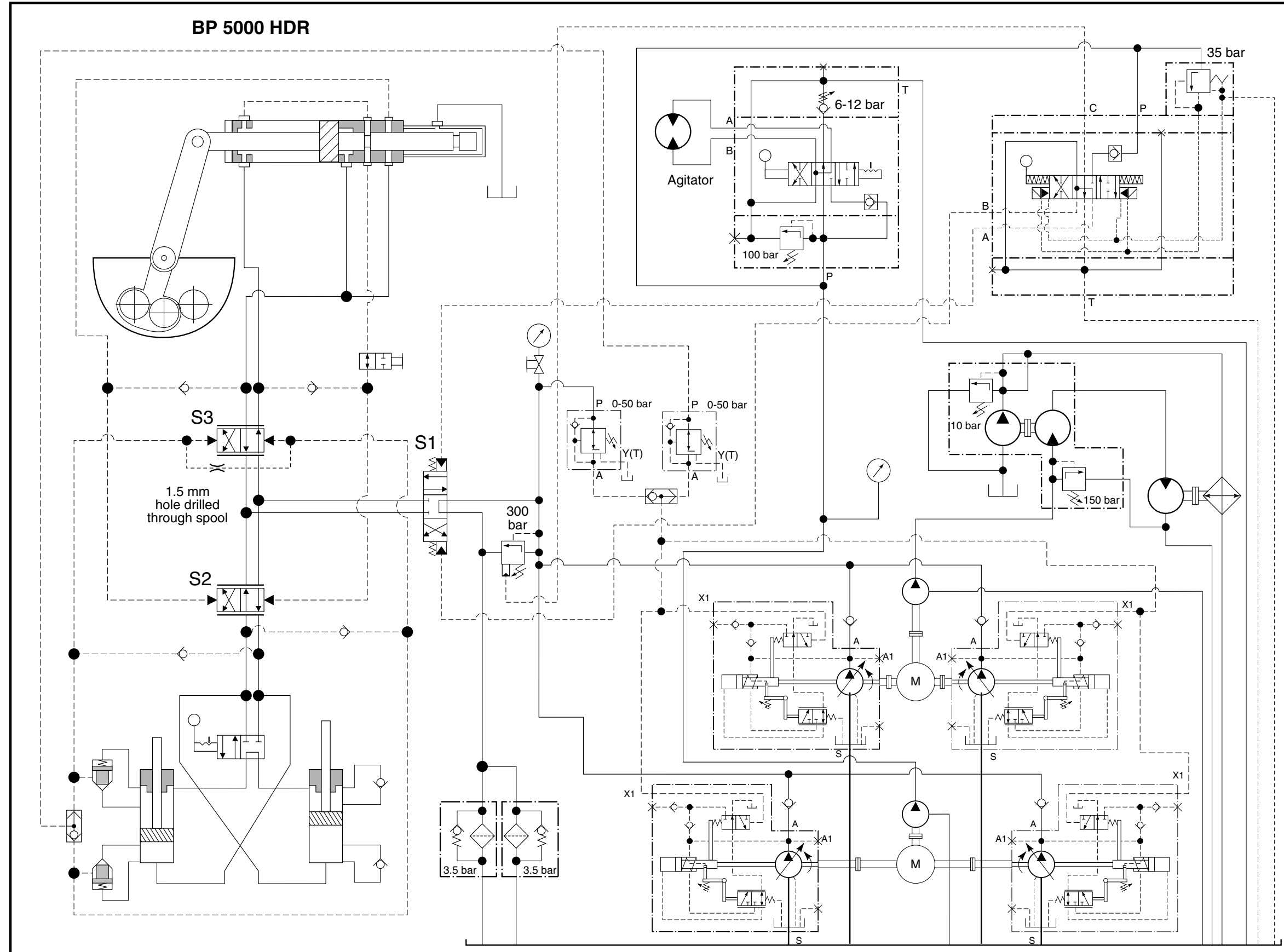


N/A

BP 5000 HDD w/ GATE VALVE

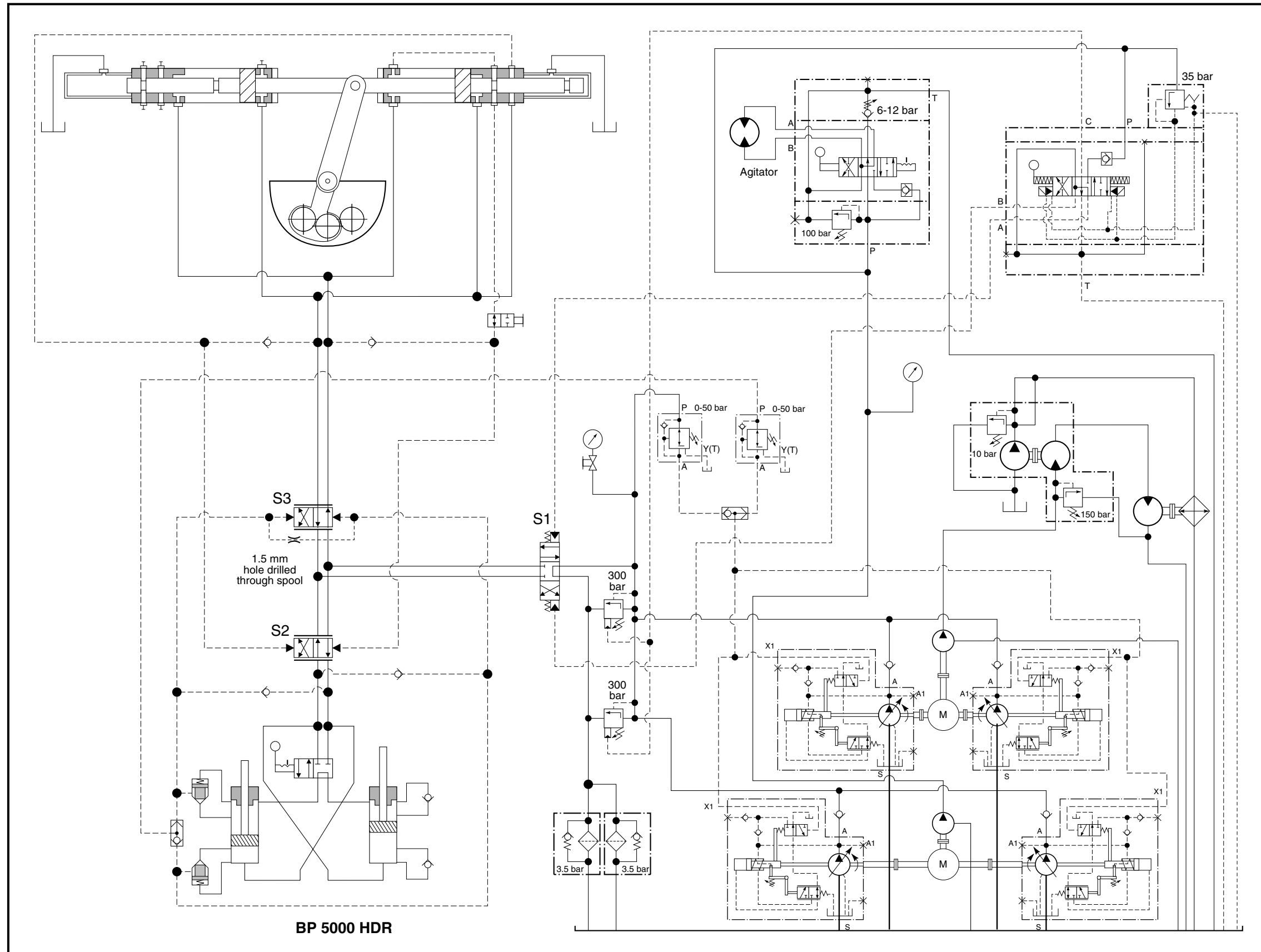


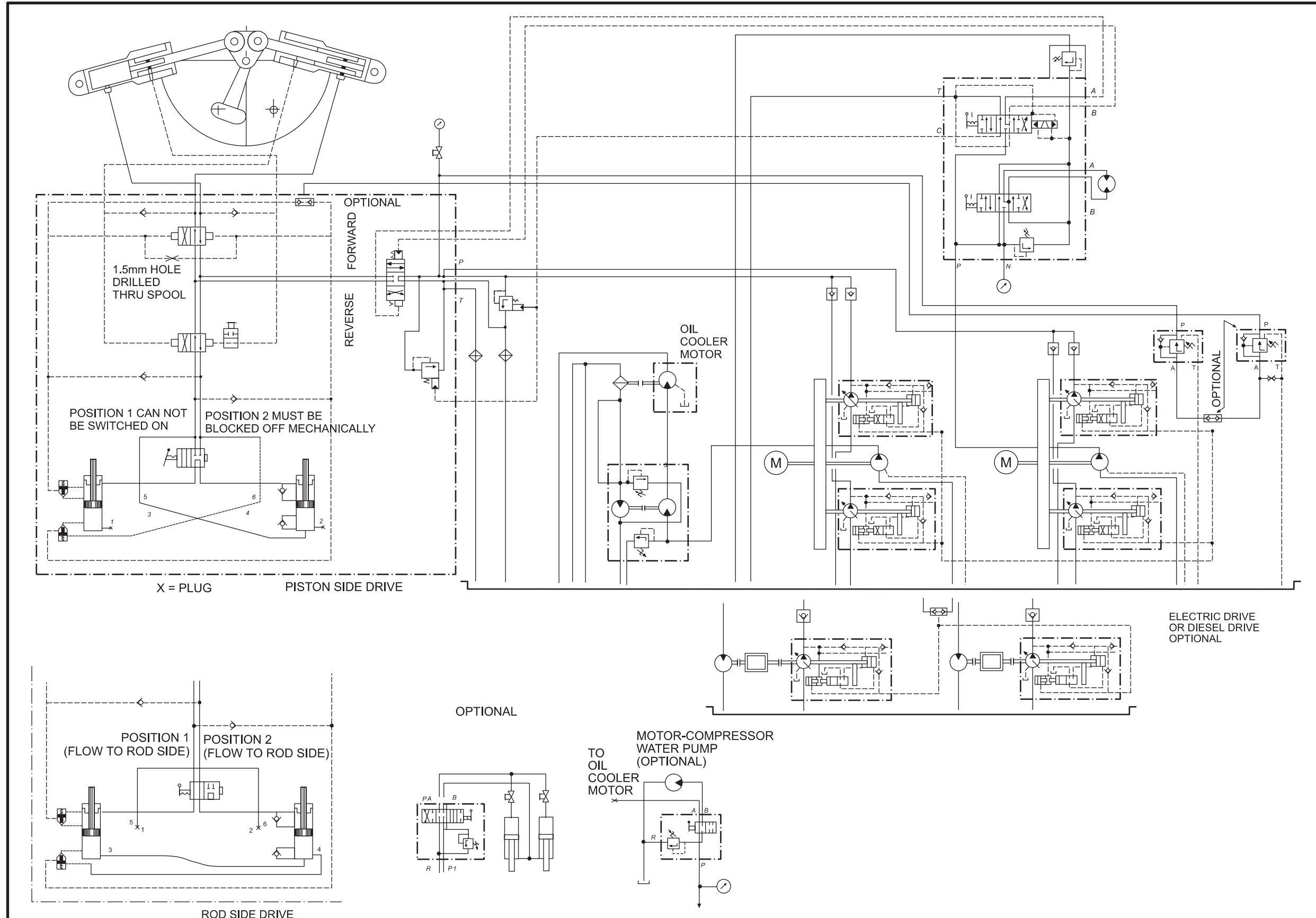


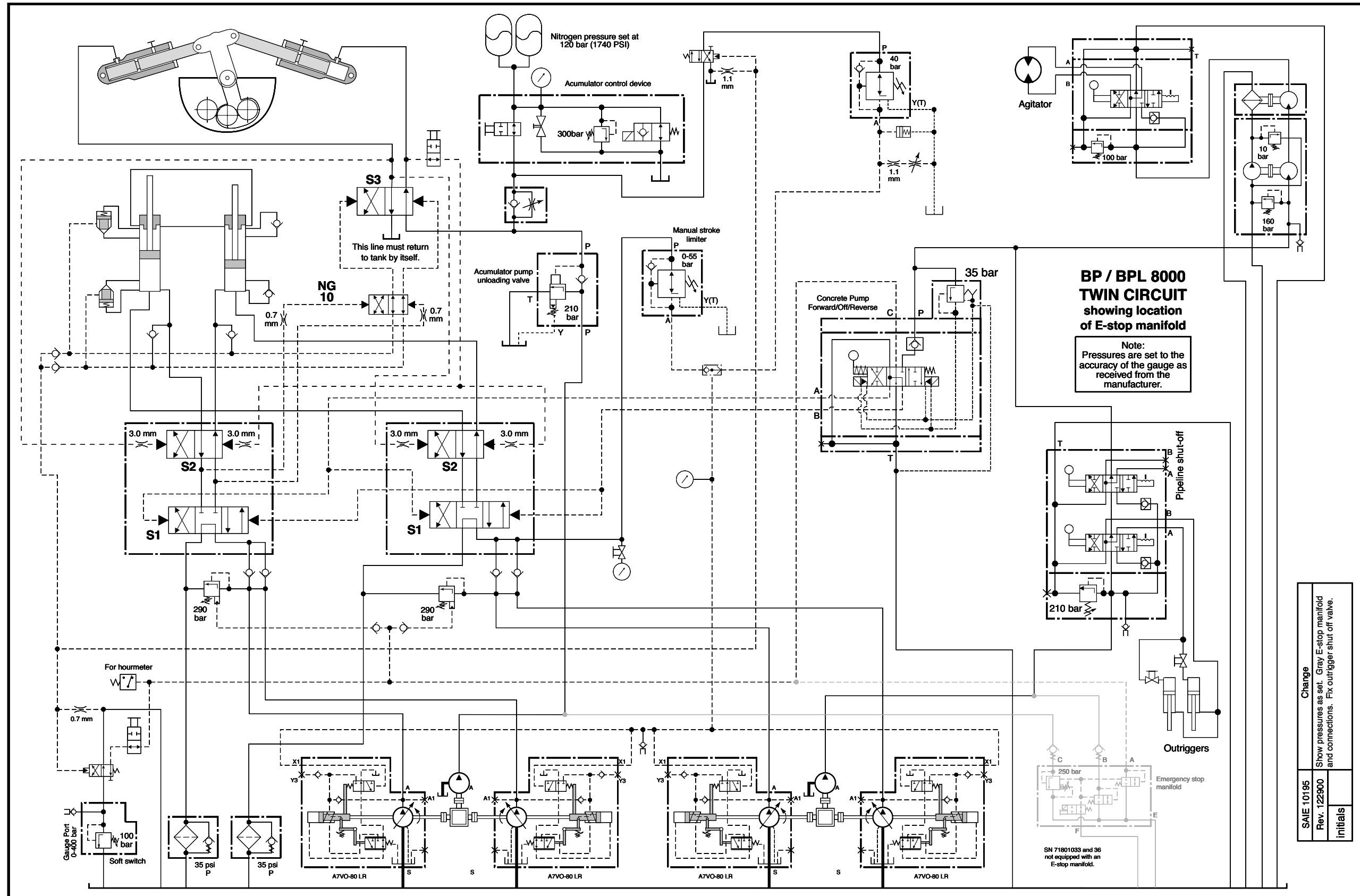


N/A

BP 5000 HDR w/ DUAL ROCK SLEWING CYLINDERS





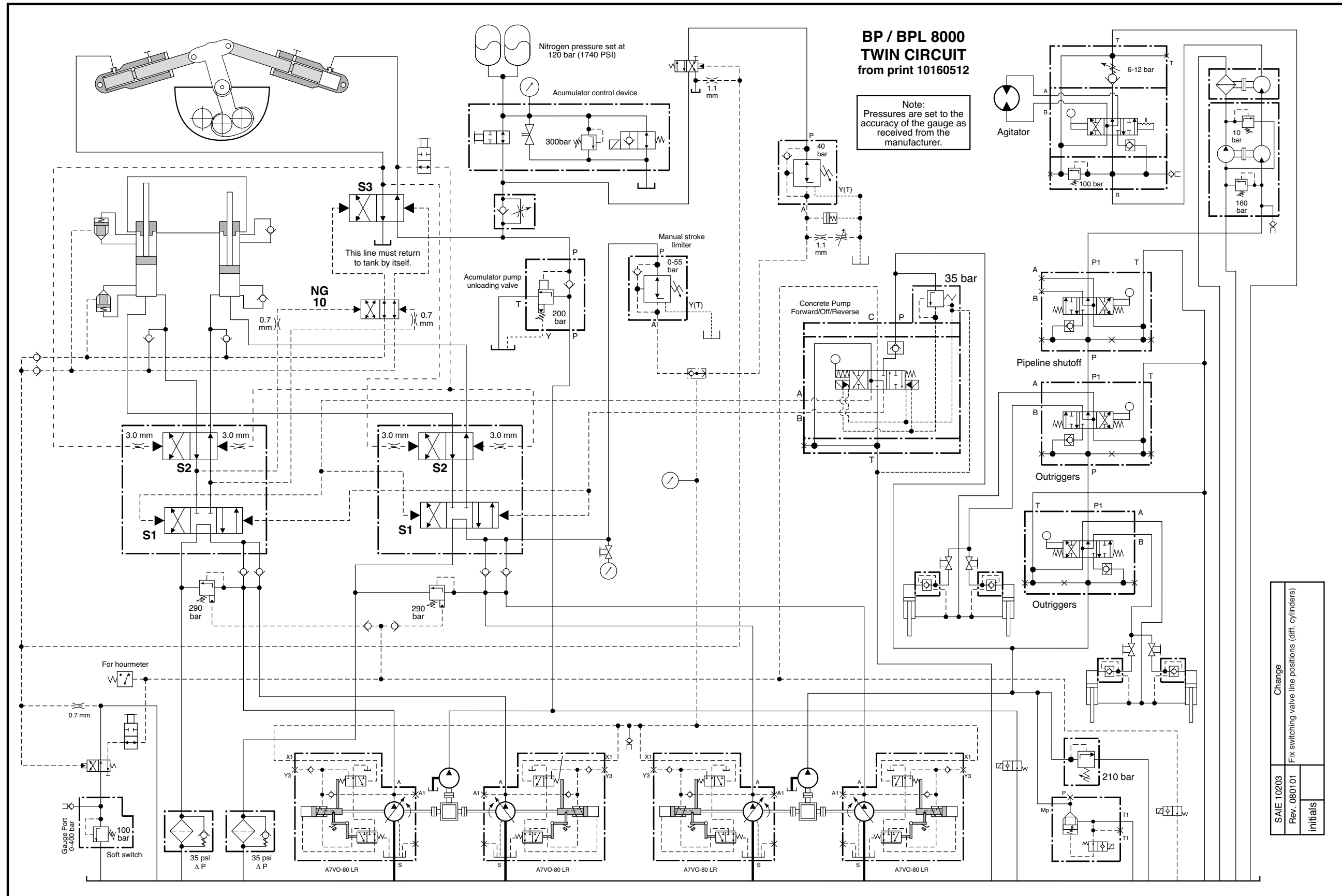


**BP / BPL 8000 TWIN CIRCUIT showing location of E-stop manifold**

Note:  
Pressures are set to the accuracy of the gauge as received from the manufacturer.

Change	SAIE 10195
Show pressures as set. Gray E-stop manifold and connections. Fix outrigger shut off valve.	Rev. 122900
	Initials

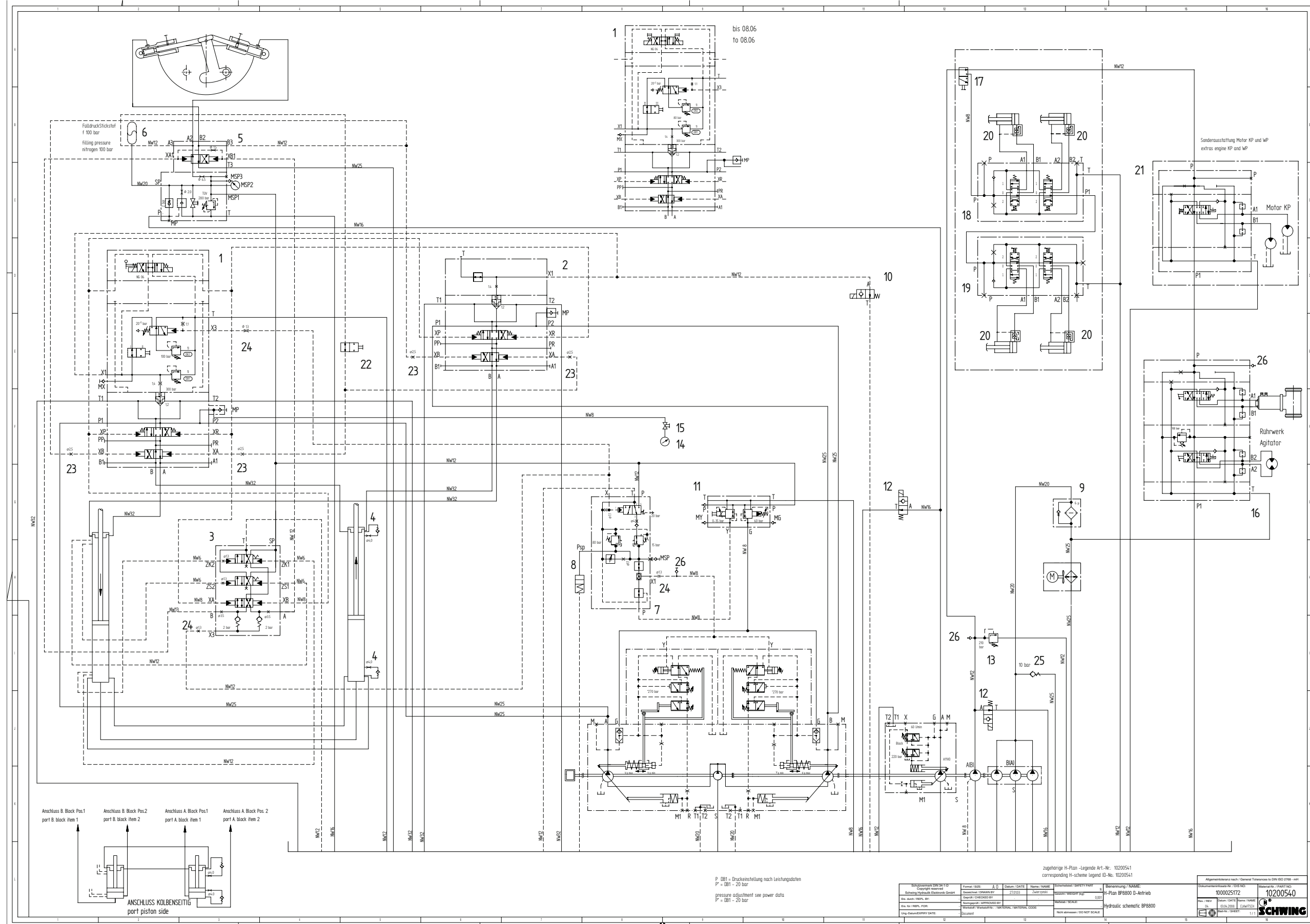
SN 71801033 and 36 not equipped with an E-stop manifold.

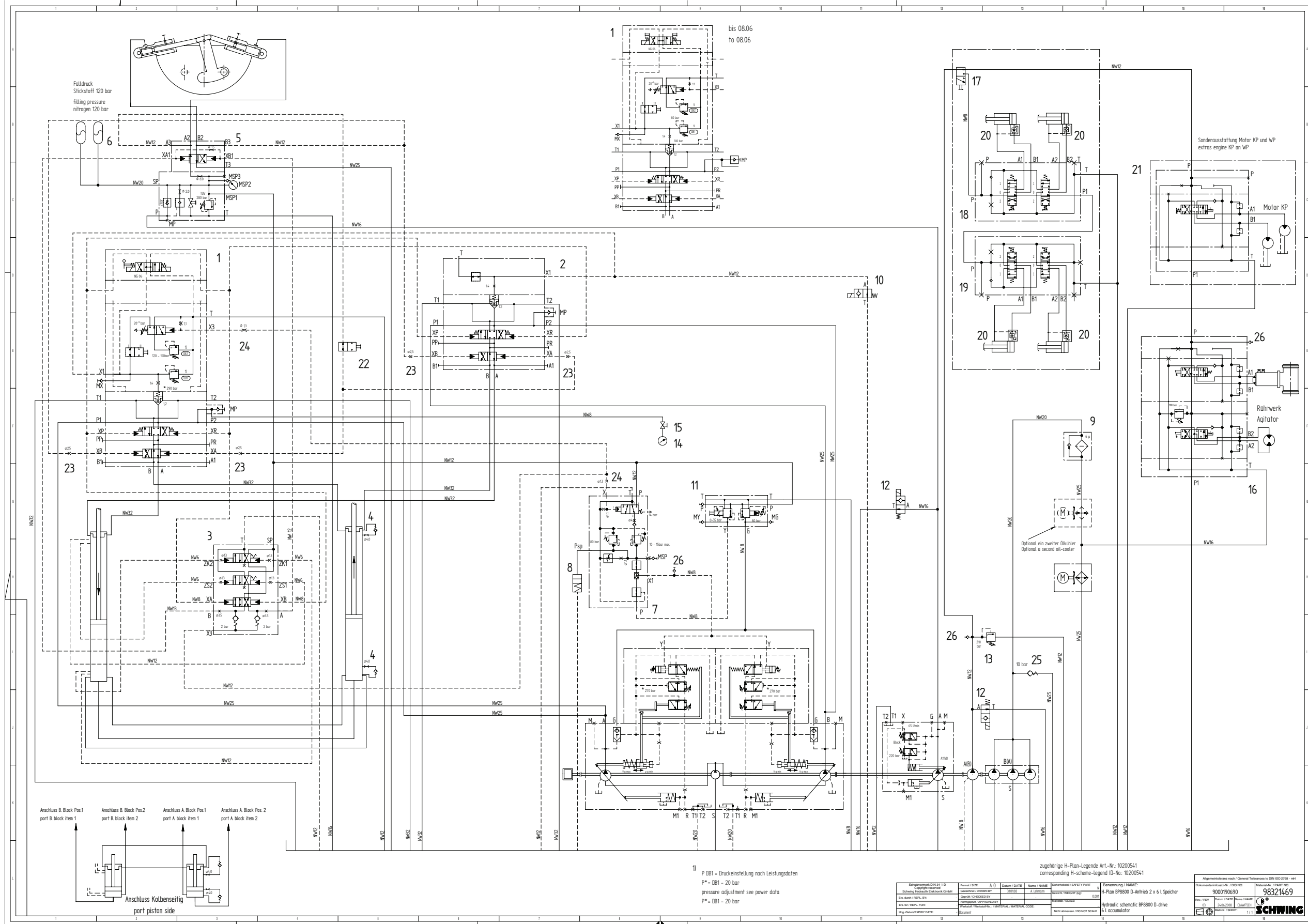


Change  
 SAIE 10203  
 Rev. 080101  
 initials

10200540

SP 8800





Fulldruck  
Stickstoff 120 bar  
filling pressure  
nitrogen 120 bar

Anschluss B: Block Pos.1  
part B: block item 1

Anschluss B: Block Pos.2  
part B: block item 2

Anschluss A: Block Pos.1  
part A: block item 1

Anschluss A: Block Pos.2  
part A: block item 2

Anschluss Kolbenseitig  
port piston side

1 bis 08.06  
to 08.06

Sonderausstattung Motor KP und WP  
extras engine KP and WP

Optional ein zweiter Ölkühler  
Optional a second oil-cooler

1) P DB1 = Druckeinstellung nach Leistungsdaten  
P\* = DB1 - 20 bar  
pressure adjustment see power data  
P\* = DB1 - 20 bar

zugehörige H-Plan-Legende Art.-Nr. 10200541  
corresponding H-scheme-legend ID-No. 10200541

Document No. 98321469	Revision 01	Document Date 2010-08-06	Document Name H-Plan SP8800 D-Antrieb 2 x 6 l Speicher	Document No. 98321469
Doc. Auth. / REPR. BY: [Name]	Doc. Checked BY: [Name]	Doc. Approved BY: [Name]	Doc. Date: 2010-08-06	Doc. Rev: 01
Doc. No. / REPR. / PDR: [Name]	Doc. No. / REPR. / PDR: [Name]	Doc. No. / REPR. / PDR: [Name]	Doc. No. / REPR. / PDR: [Name]	Doc. No. / REPR. / PDR: [Name]
Doc. Issue/Revision Date: [Date]	Doc. Issue/Revision Date: [Date]	Doc. Issue/Revision Date: [Date]	Doc. Issue/Revision Date: [Date]	Doc. Issue/Revision Date: [Date]