

Verschlauchungsplan Hydraulic hose diagram

HD+120 VV

H259
Baureihe /
Series

0001 - 9999
Seriennummer /
Serial No

01.03.2018
Ausgabedatum /
Date of issue

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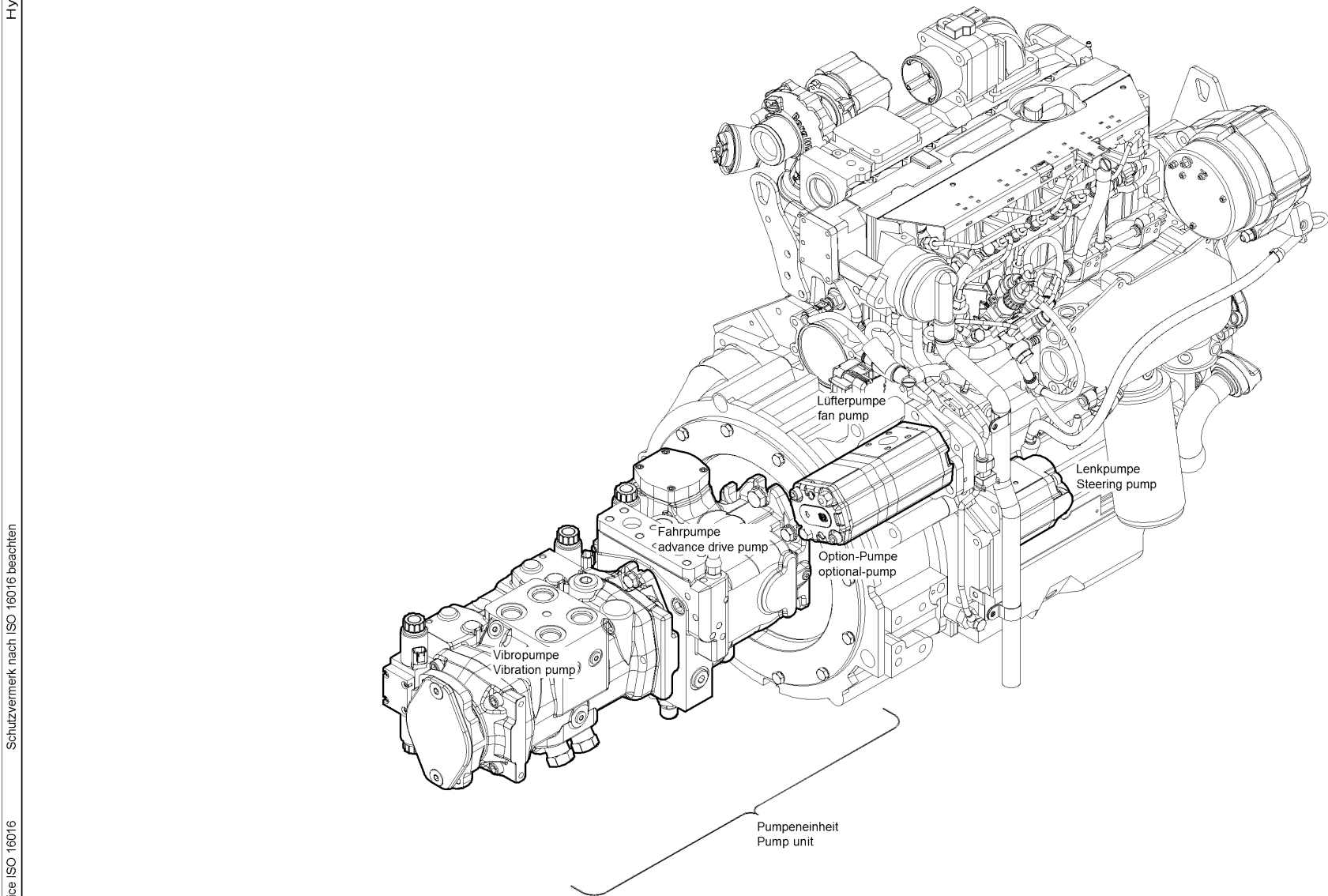
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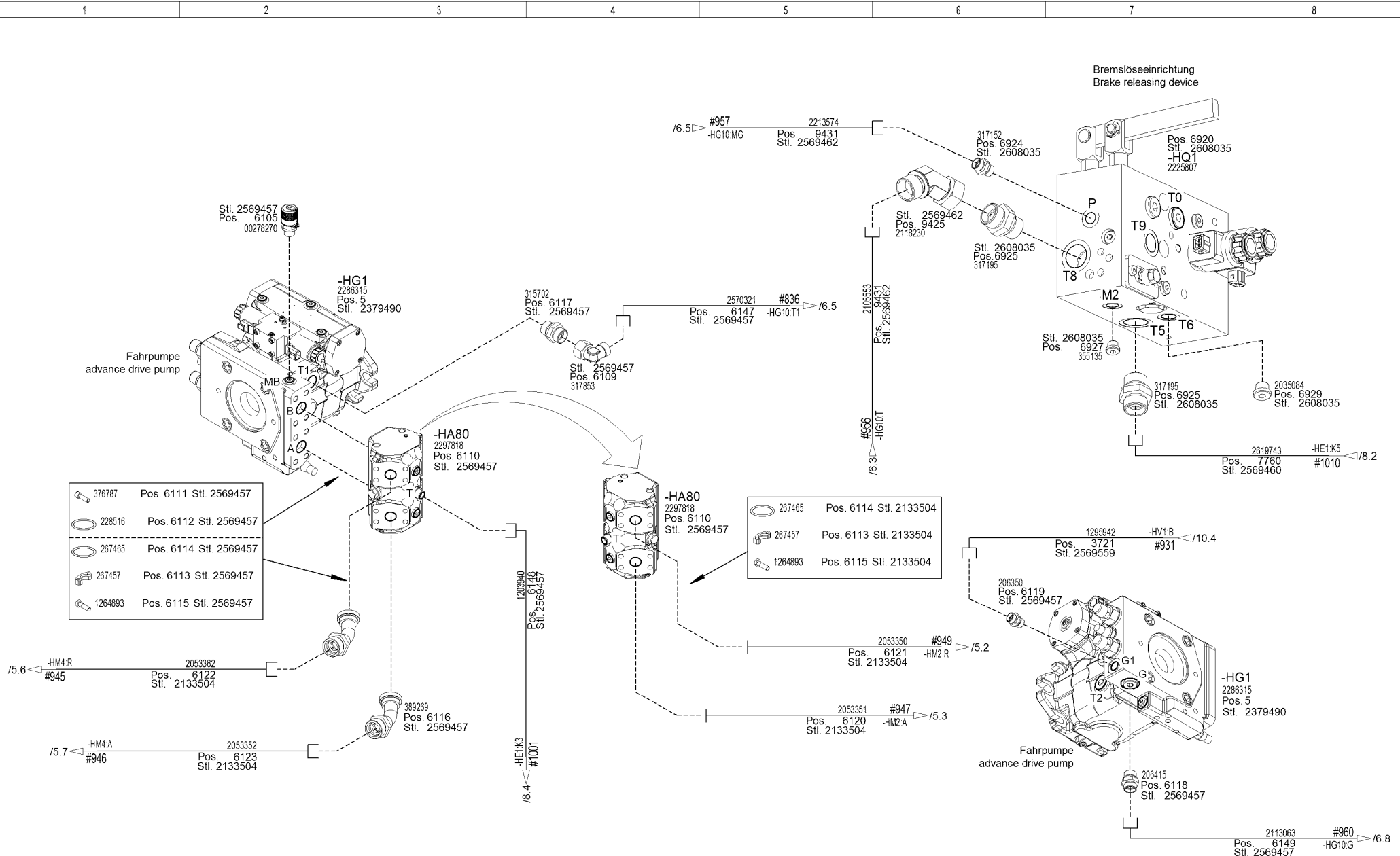
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Motor und Pumpenanbau	
engine and pump installation	

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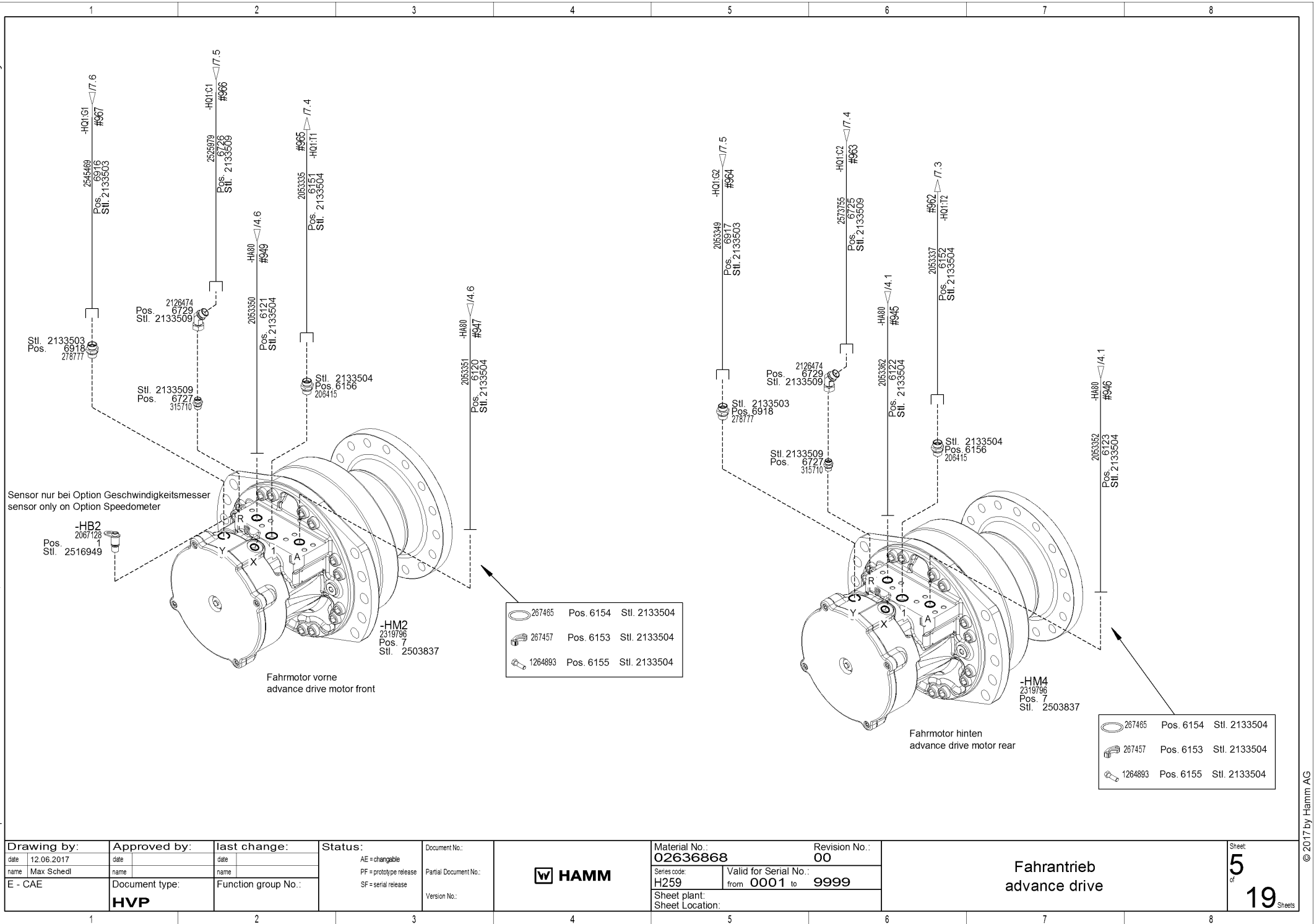
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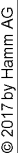


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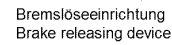
Fahrpumpe
advance drive pump

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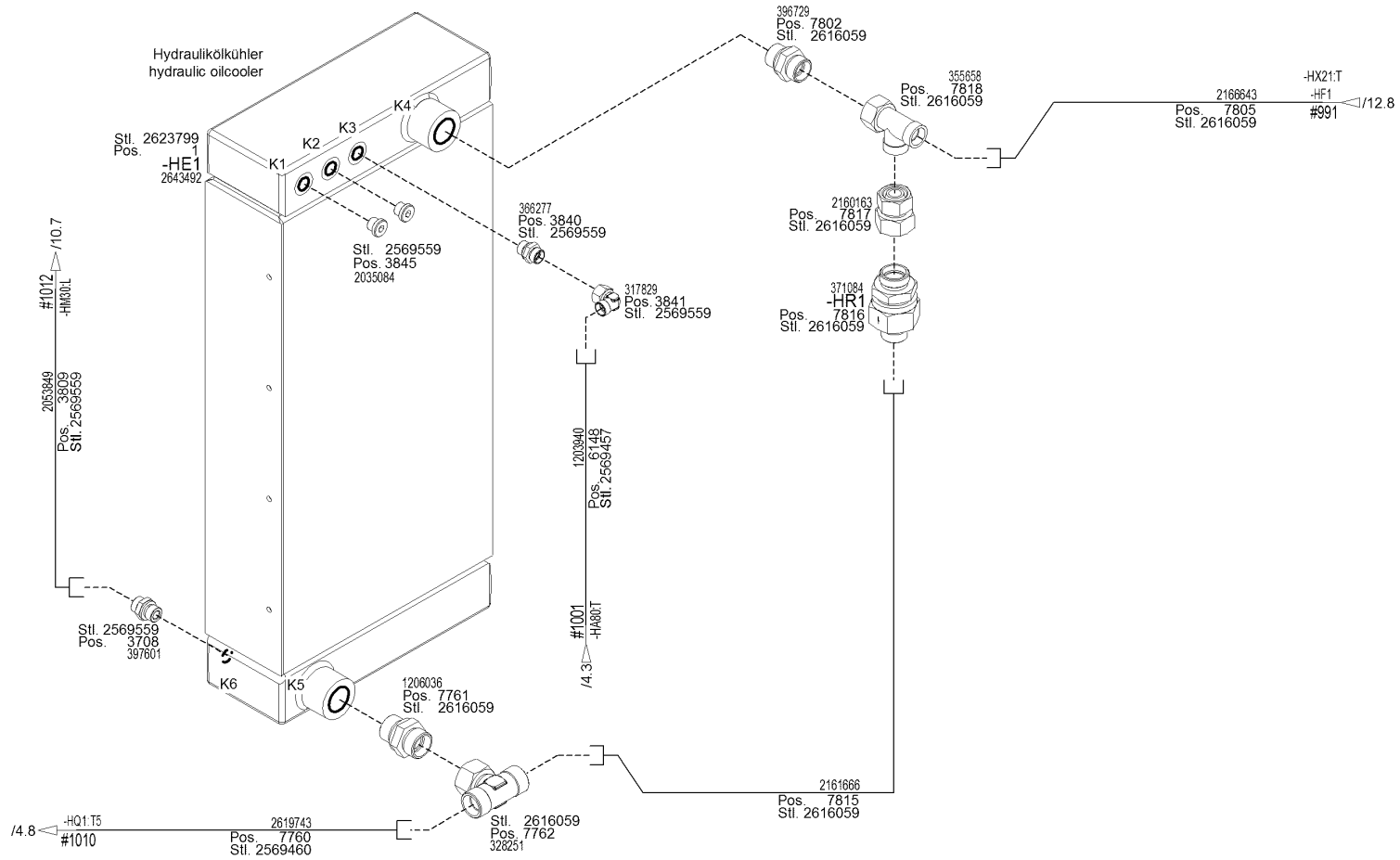




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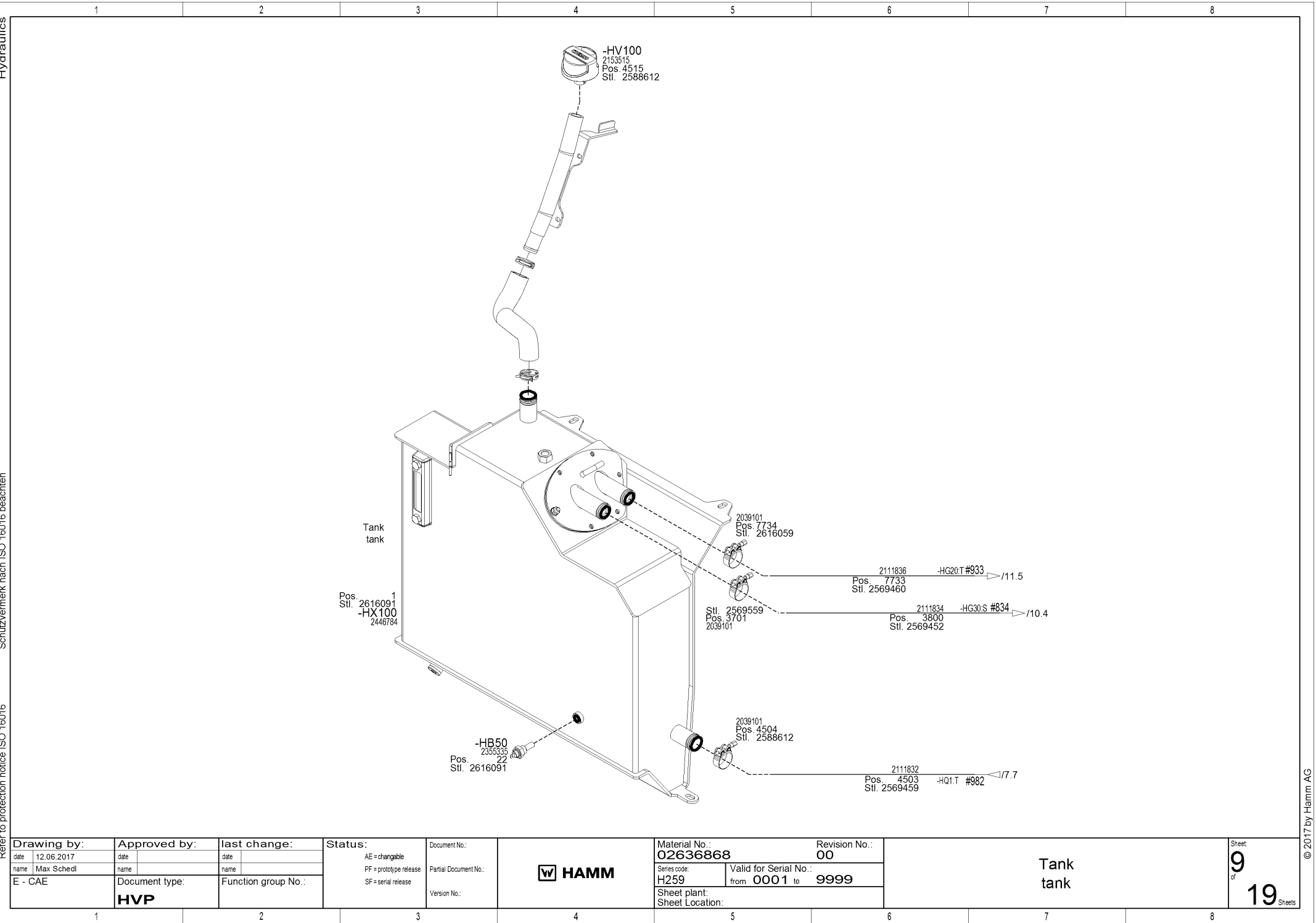
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Kühlung
cooling

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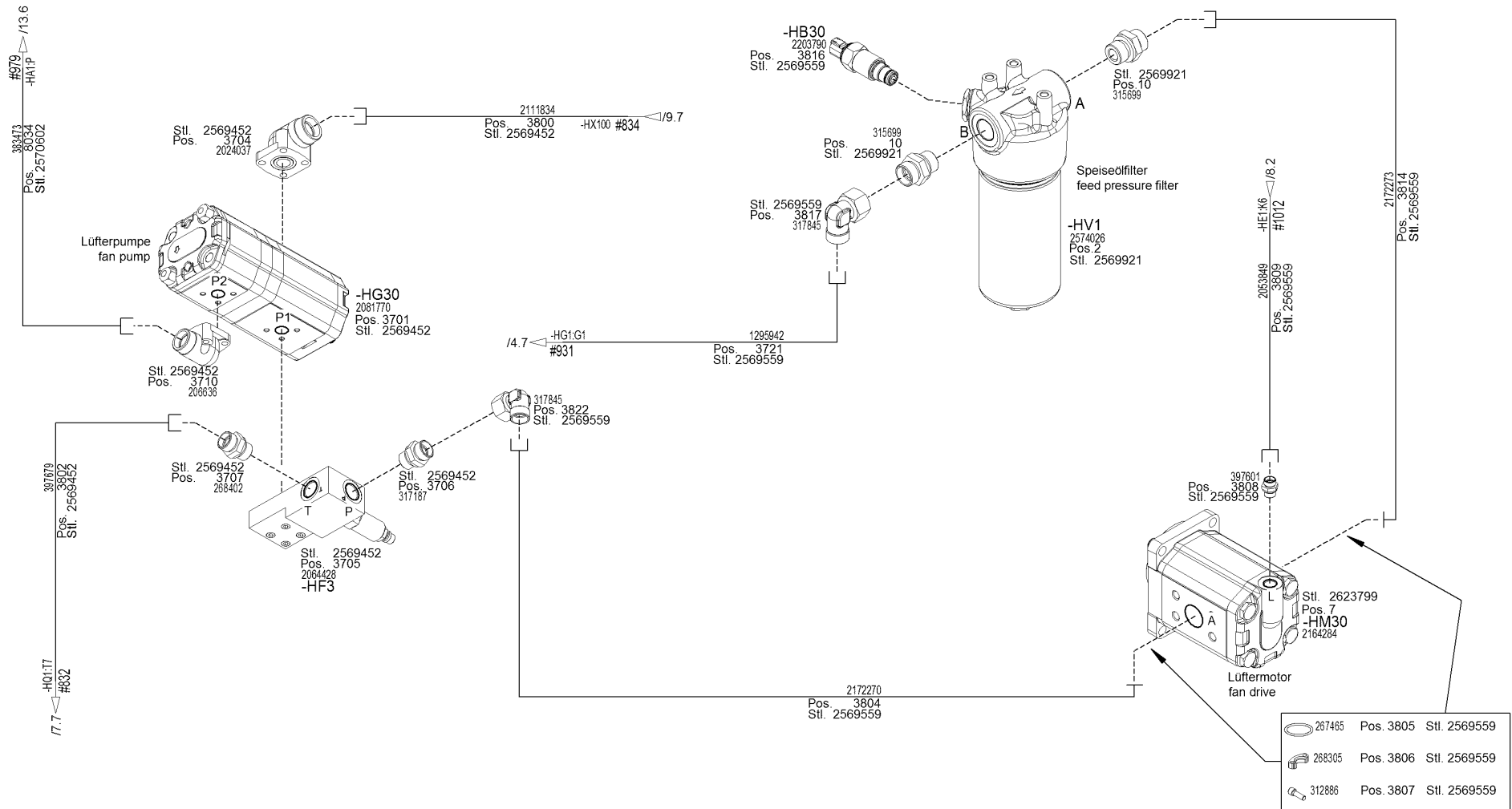


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Tank tank

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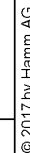
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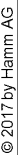
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Lüfterantrieb
fan drive

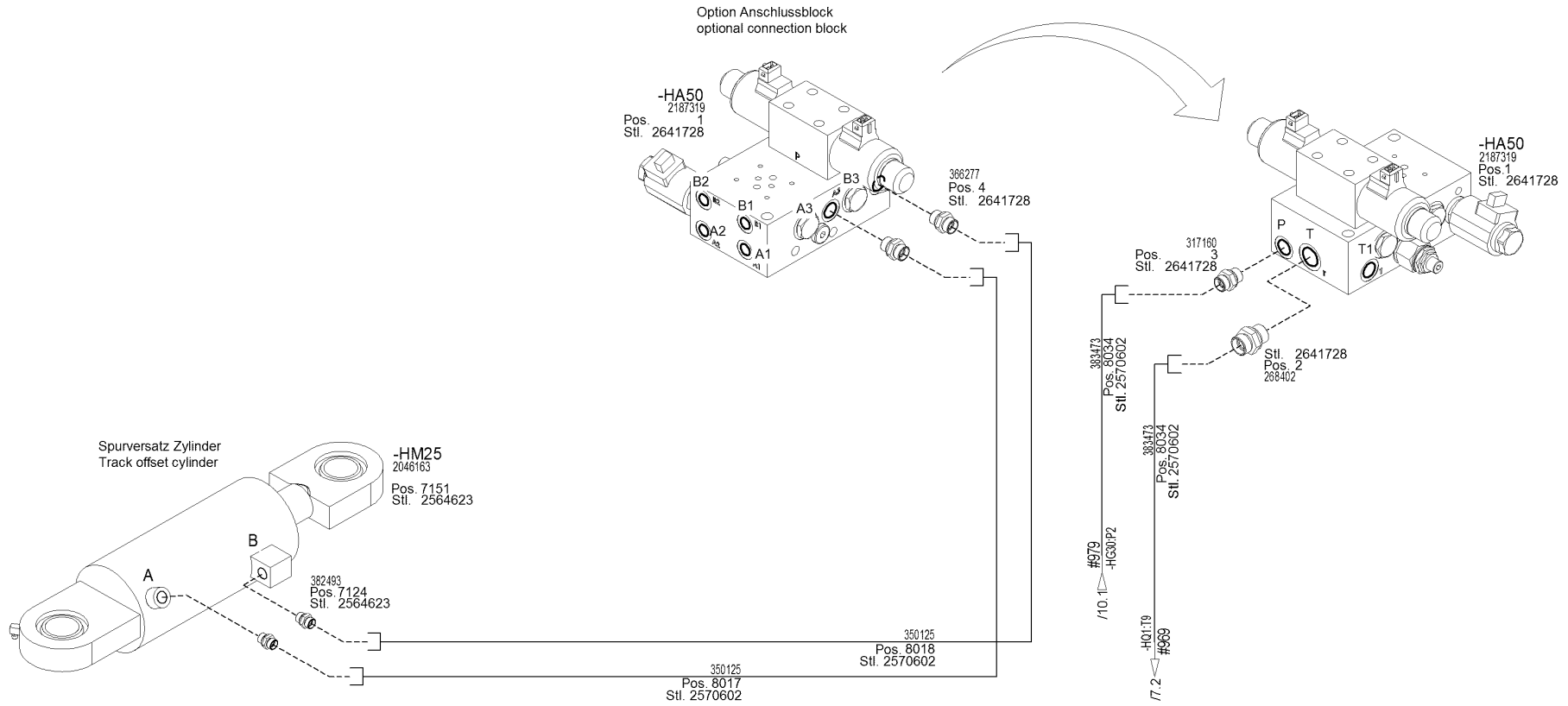
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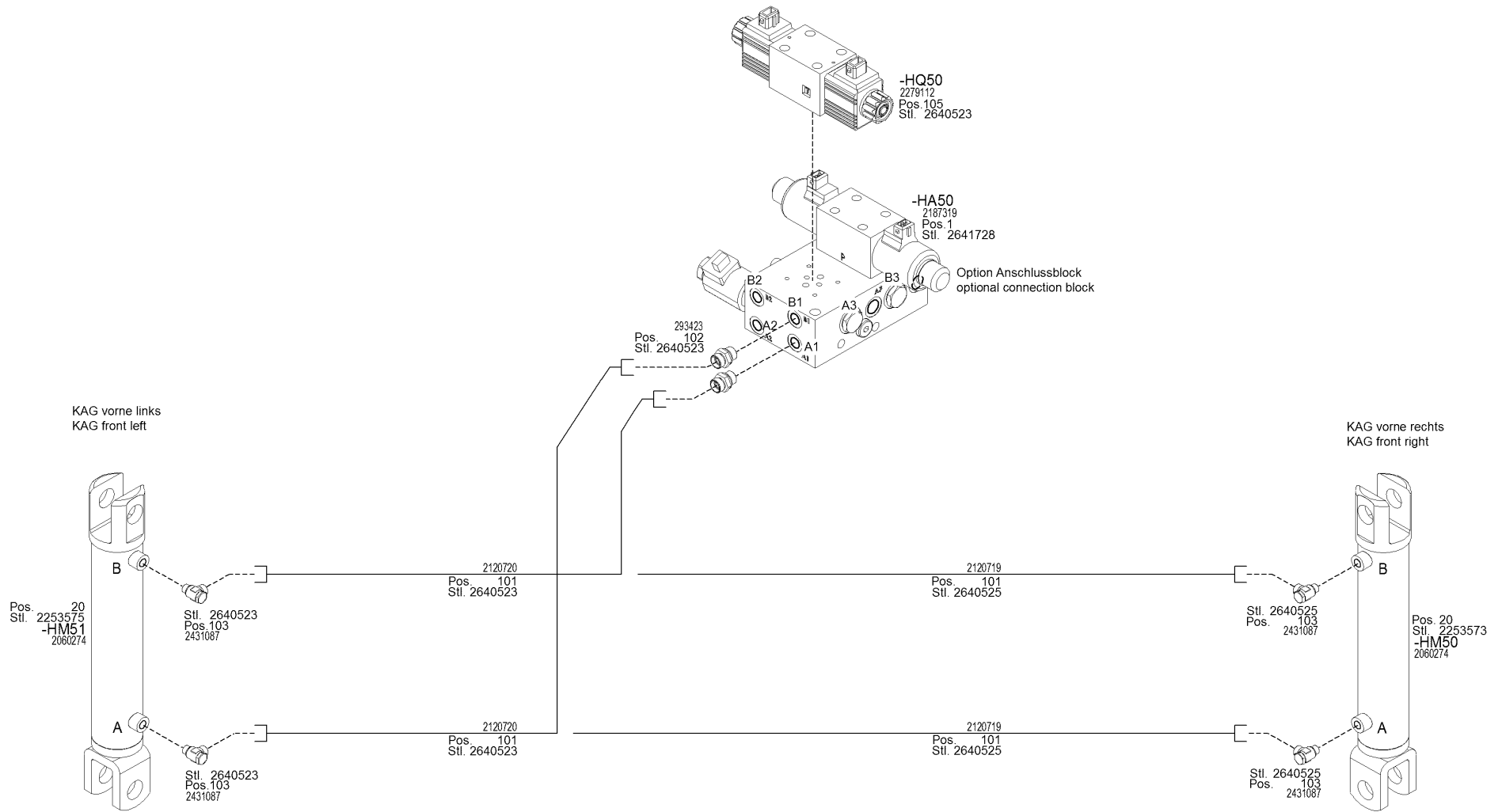
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Sheet plant: Sheet Location:			

Spurversatz
Track offset

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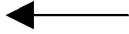
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Option Kantenandrückgerät
Option Edge pressing assembly

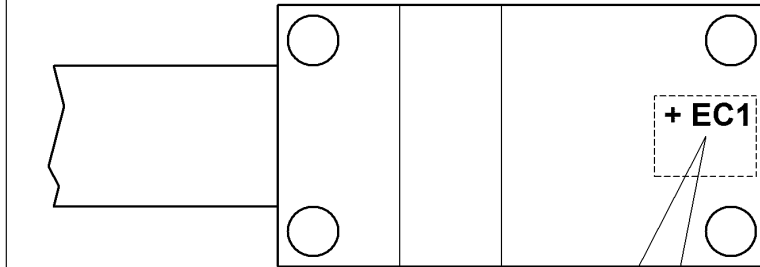
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Aufbau Betriebsmittelkennzeichen / device designation configuration

= GM



Lageplan
layout

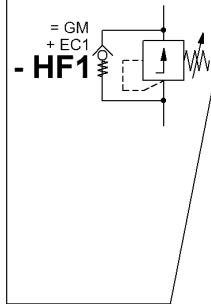


= Anlagenkennzeichen
plant designation

+ Ortskennzeichen
location designation

- Art / Zählnummer
type / number

Geräteanschlussbezeichnung
connection designation



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Erklärung Aufbau Betriebsmittelkennzeichen
Explanation device designation layout

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Gerätekennbuchstaben, hydraulisch (beispielhaft) / device code letter, hydraulic (exemplified)

<u>Gerätekennbuchstabe / device code letter</u>	<u>Deutsch</u>	<u>English</u>	<u>Gerätekennbuchstabe / device code letter</u>	<u>Deutsch</u>	<u>English</u>
- HA	Ventilblock	valve-block	- HP	Manometer	pressure gauge
- HB	Durchflussmesser Durchflusswächter Druckschalter hydraulisch	flow measuring device flow controller hydraulic pressure switch	- HQ	Bremsventil Kugelhahn Lenkeinheit Wegeventil	braking valve ball valve steering unit direction control valve
- HC	Speicher	accumulator	- HR	Drosselventil Drosselrückschlagventil Druckreduzierventil Lasthalteventil Rückschlagventil	throttle valve throttle check valve pressure reduction valve counter balance valve check valve
- HE	Kühler	cooler	- HT	Getriebe	gearbox
- HF	Druckbegrenzungsventil	pressure limiting valve	- HV	Hydraulikfilter	hydraulic filter
- HG	Hydraulikpumpe	hydraulic pump	- HX	Abdeckplatten Reihenflanschplatte Schnellkupplung	cover plates manifold plate quick-action coupling
- HK	Mengenteiler Prioritätsventil Stromregelventil	flow divider priority valve flow control valve	- Ma	Ventil Magnetspule a	valve coil a
- HM	Hydraulikmotor Hydraulikzylinder	hydraulic motor hydraulic cylinder	- Mb	Ventil Magnetspule b	valve coil b

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Erklärung Gerätekennbuchstaben, hydraulisch
Explanation device code letter, hydraulic

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Linienformate / line formats			Leitungsbezeichnungen / line designations		
<u>Linienart / line type</u>	<u>Linienstärke / Grafik / line thickness / graphic</u>	<u>Bedeutung / standing</u>	<u>Abkürzungen Leitungsbezeichnungen / line designation abbreviations</u>	<u>Deutsch</u>	<u>English</u>
Volllinie / solid line	0,25mm	Standard, Druckleitung, Tankleitung / standard, pressure line, tank line	P	Druckleitung	pressure line
			T	Tankleitung, Rücklaufleitung	tank line, return line
Strichpunktlinie / dash-dotted line	0,5mm	Bauteilumrandung / component border	S	Saugleitung	suction line
			L	Leckölleitung	leakage line
Strichlinie / dashed line	0,25mm	Steuerleitung, Lecköl / control line, leakage oil	X	Steuerleitung	control line
			LS	Load Sensing Leitung	load sensing line

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Erklärung Linienformate, Leitungsbezeichnungen
Explanation line formats, line designations

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Betriebsmittelkennzeichen / Device designation	Blatt / Sheet	Betriebsmittelkennzeichen / Device designation	Blatt / Sheet	Betriebsmittelkennzeichen / Device designation	Blatt / Sheet
-HA50	/13.5	-HQ20	/12.1	-HW20	/4.7
-HA50	/13.7	-HQ50	/14.5	-HW22	/7.5
-HA80	/4.3	-HR1	/8.5	-HW24	/11.7
-HB2	/5.1	-HV1	/10.6	-HW25	/11.7
-HB10	/6.1	-HV2	/11.3	-HW28	/6.4
-HB11	/6.7	-HV100	/9.4	-HW28	/6.4
-HB30	/10.5	-HW1	/4.1	-HW28	/6.4
-HB50	/9.4	-HW2	/4.5	-HW28	/6.4
-HE1	/8.3	-HW3	/10.2	-HW29	/6.3
-HF1	/12.7	-HW4	/10.3	-HW29	/6.6
-HF3	/10.3	-HW5	/10.2	-HW30	/6.7
-HG1	/4.2	-HW9	/4.2	-HW31	/6.6
-HG1	/4.7	-HW9	/4.3	-HW34	/10.7
-HG10	/6.5	-HW10	/4.4	-HW35	/10.5
-HG10	/6.7	-HW11	/4.7	-HW35	/10.6
-HG20	/11.7	-HW12	/4.6	-HW39	/11.2
-HG30	/10.3	-HW15	/6.7	-HW39	/11.3
-HM2	/5.2	-HW16	/7.3	-HW40	/6.7
-HM4	/5.6	-HW16	/7.3	-HW41	/6.2
-HM11	/6.1	-HW16	/7.4	-HW42	/6.6
-HM13	/6.6	-HW16	/7.4	-HW43	/6.1
-HM20	/12.4	-HW17	/7.4	-HW45	/6.1
-HM25	/13.1	-HW17	/7.5	-HW46	/5.2
-HM30	/10.7	-HW17	/7.5	-HW47	/5.6
-HM50	/14.8	-HW18	/7.5	-HW48	/5.6
-HM51	/14.1	-HW18	/7.5	-HW49	/5.2
-HQ1	/4.7	-HW19	/4.6	-HW50	/5.5
-HQ1	/7.5	-HW20	/4.6	-HW51	/5.1

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Betriebsmittelliste
device list

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Betriebsmittelkennzeichen / Device designation	Blatt / Sheet	Betriebsmittelkennzeichen / Device designation	Blatt / Sheet	Betriebsmittelkennzeichen / Device designation	Blatt / Sheet
-HW52	/5.7	-HW73	/12.7	-HW111	/4.8
-HW53	/5.4	-HW74	/12.7	-HW113	/6.6
-HW54	/5.6	-HW75	/12.6	-HW183	/10.7
-HW55	/5.2	-HW76	/12.6	-HW185	/4.4
-HW56	/12.2	-HW77	/12.6	-HX1	/4.2
-HW56	/12.2	-HW78	/12.6	-HX20	/12.2
-HW56	/12.2	-HW79	/12.6	-HX21	/12.2
-HW57	/12.2	-HW80	/12.6	-HX100	/9.5
-HW58	/13.2	-HW81	/12.6	-HX101	/4.1
-HW58	/13.2	-HW83	/12.4	-HX102	/4.1
-HW59	/13.5	-HW84	/12.4	-HX103	/4.1
-HW59	/13.5	-HW85	/12.4	-HX104	/4.5
-HW60	/10.2	-HW85	/12.4	-HX105	/4.5
-HW61	/14.4	-HW96	/8.6	-HX106	/4.1
-HW61	/14.4	-HW97	/8.5	-HX109	/6.2
-HW62	/14.2	-HW98	/8.4	-HX110	/6.7
-HW62	/14.2	-HW99	/8.3	-HX111	/6.7
-HW63	/14.7	-HW100	/8.4	-HX112	/6.2
-HW63	/14.7	-HW101	/8.4	-HX113	/5.7
-HW64	/6.6	-HW102	/8.5	-HX114	/5.4
-HW68	/4.6	-HW103	/8.3	-HX115	/5.7
-HW69	/7.3	-HW103	/8.3	-HX116	/5.4
-HW70	/6.4	-HW106	/10.5	-HX117	/9.5
-HW70	/6.4	-HW107	/10.3	-HX118	/9.5
-HW70	/6.4	-HW108	/12.4	-HX119	/9.5
-HW70	/6.4	-HW108	/12.5	-HX131	/10.7
-HW71	/13.7	-HW109	/4.7	-HX132	/10.7
-HW72	/13.7	-HW110	/8.2		

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