



# ROTOX®

## Pneumatikdokumentation

Pneumatic documentation

Documentation pneumatique

**Projekt:**

SMH-510-4

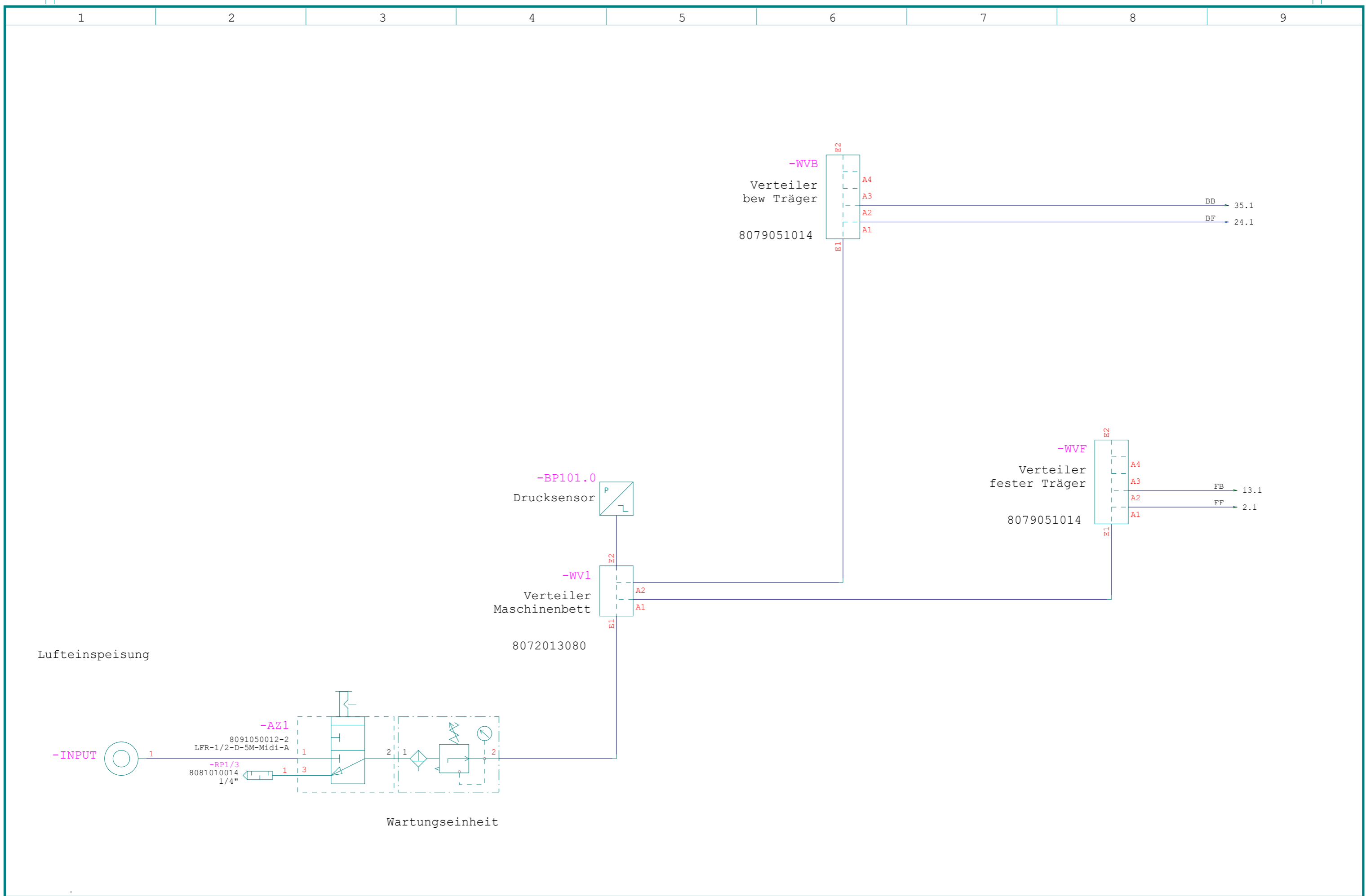
Maschinennummer	
Zeichnungsnummer	5010000002-0020
Datum	07.08.2020
Beschreibung	Standard

Kunde:	Rotox sp.z.o.o.
Kommission:	Kapica
AB-Nummer	5010000002-0020
Plannummer:	SMH-510-4-64P__5010000002-0020

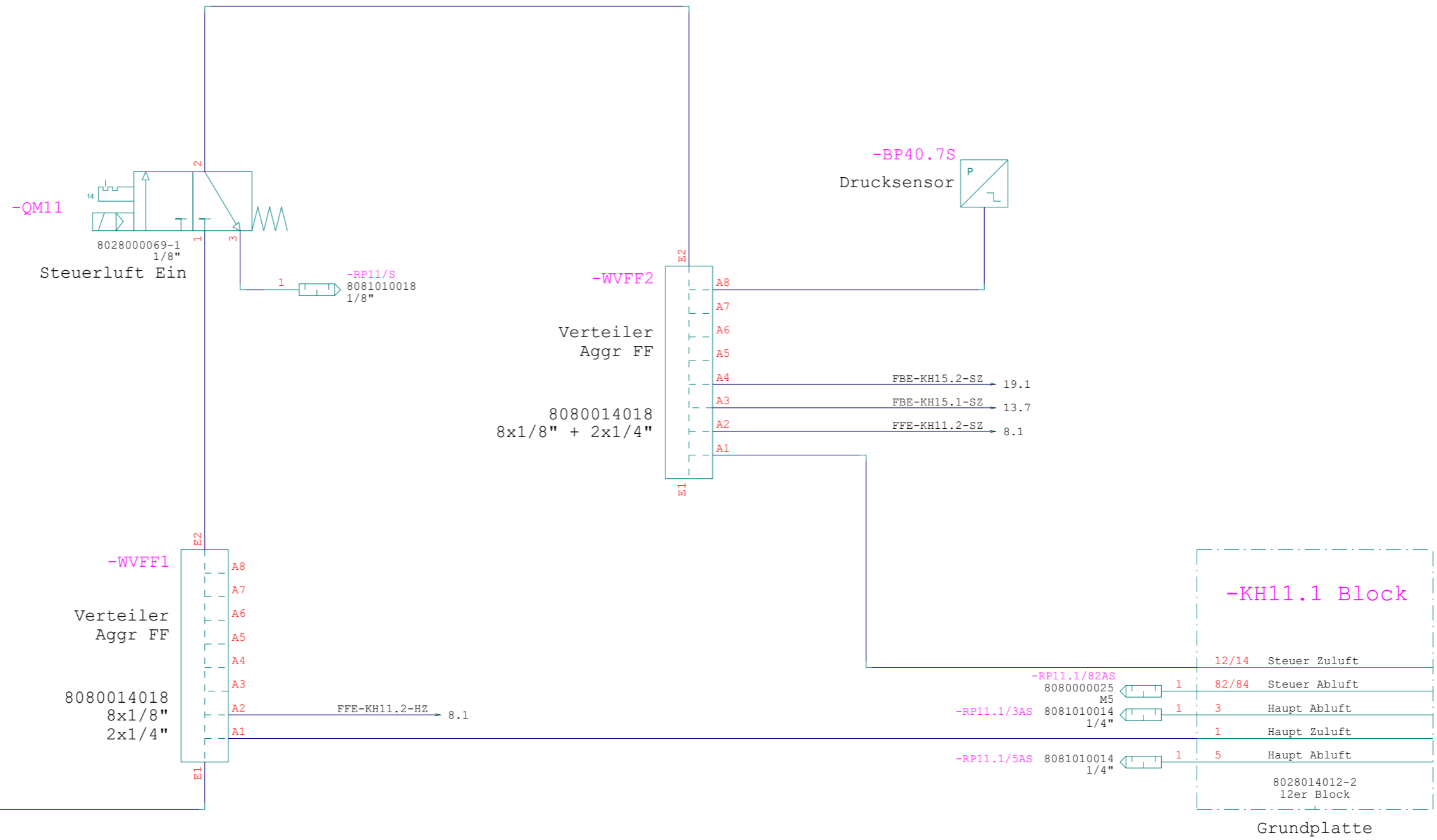
Maschinentyp:	Standard
Feste Seite:	links
Kämpfertyp:	

Anschlußwert:	6 Bar

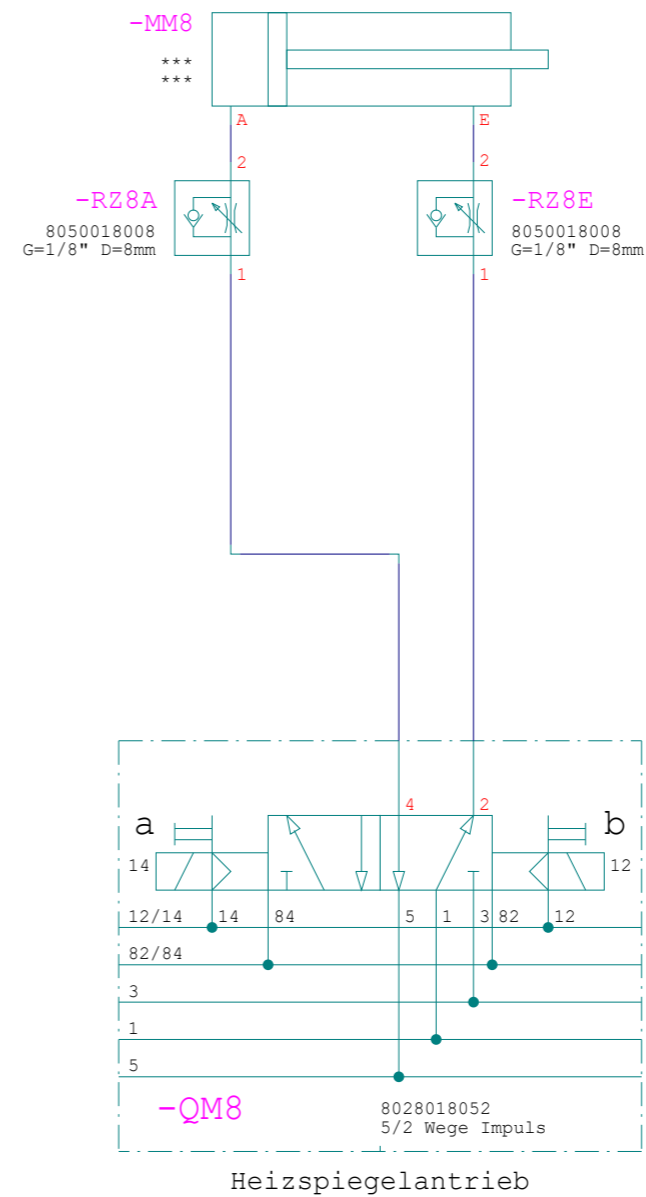
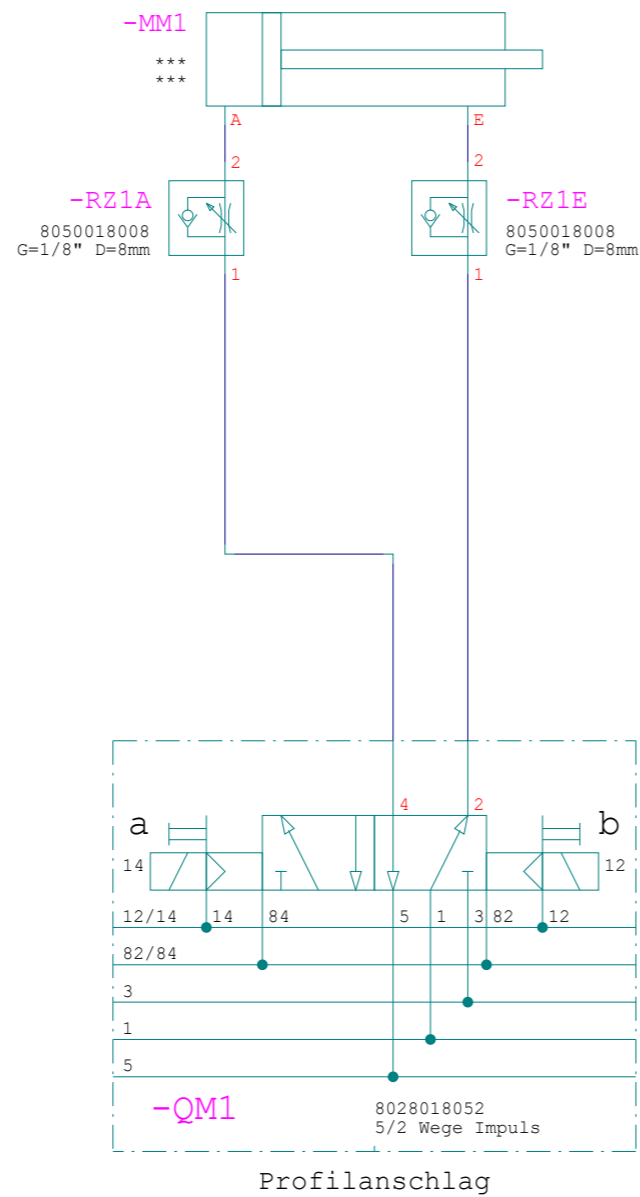




				Datum	07.08.2019	SMH-510-4		SMH-510-4-64P__5010000002-0020		=
				Bearb.	Justus	Rotox sp.z.o.o.				+
				Gepr.						
Zust.	Änderung	Datum	Name	Norm	Urspr.	Ers.f	Ers.d	MNR:	von 45	Blatt 1



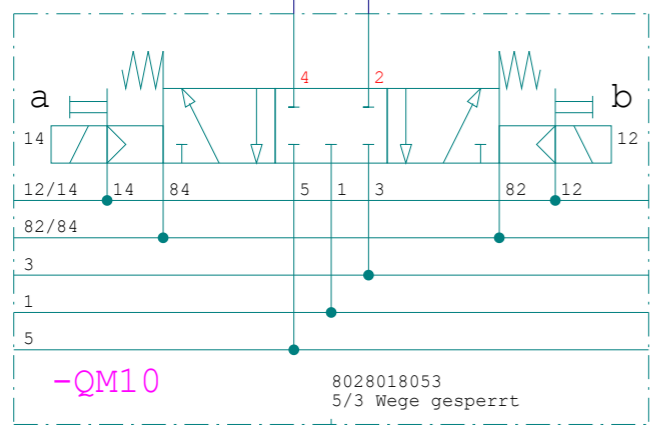
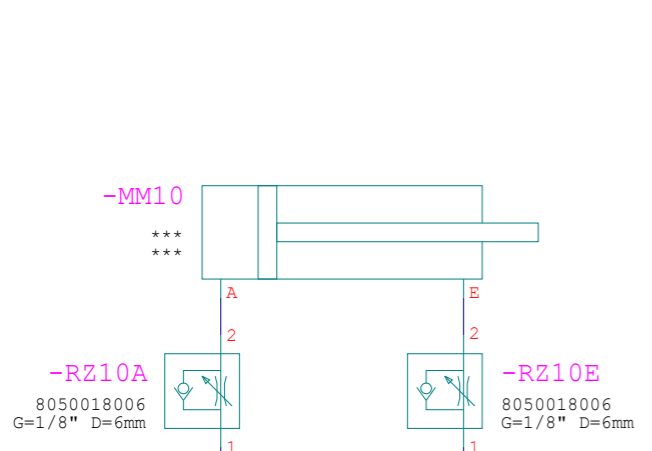
Aggr. FFE KH11.1 Block



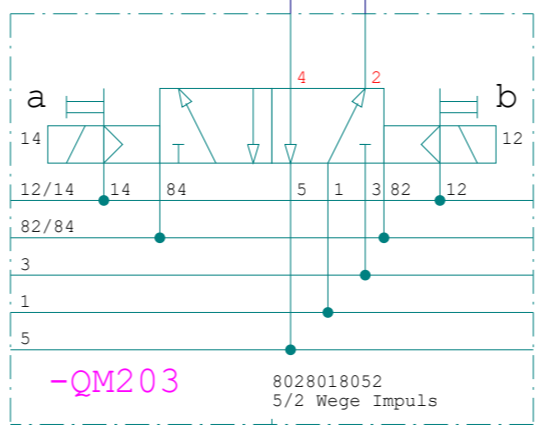
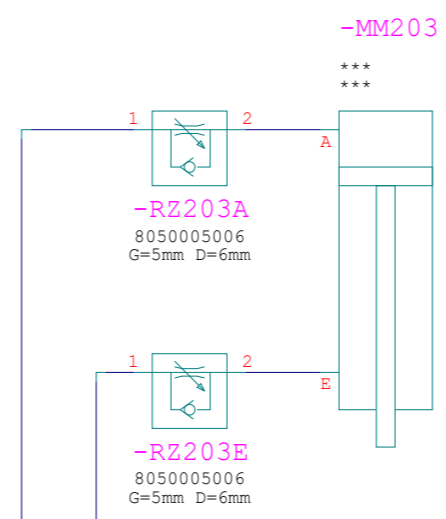
Aggr. FFE KH11.1 Block

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		Bearb.		Justus	Rotox sp.z.o.o.				SMH-510-4-64P__5010000002-0020			
		Gepr.										
Zust.	Änderung	Datum	Name	Norm	Urspr.	Ers.f	Ers.d	MNR:		von 45		Blatt 3

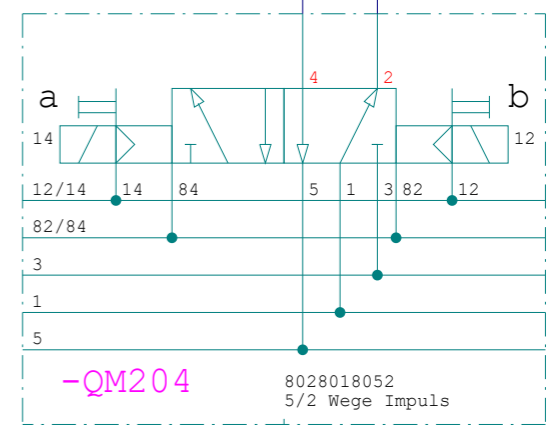
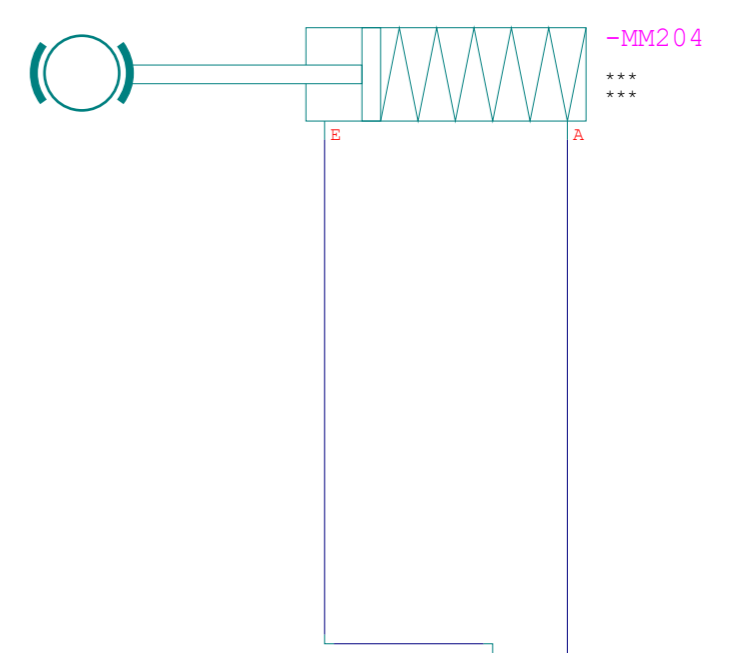




Spannerschiebung Stab BD



Riegel Kopfverschiebung

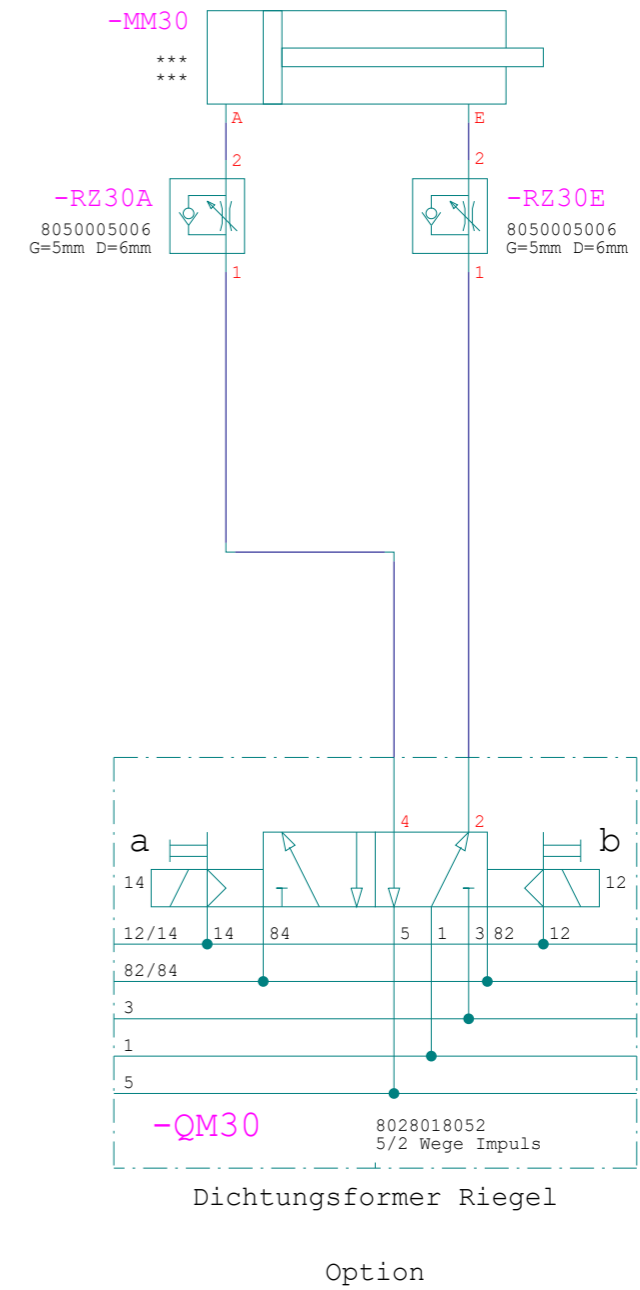
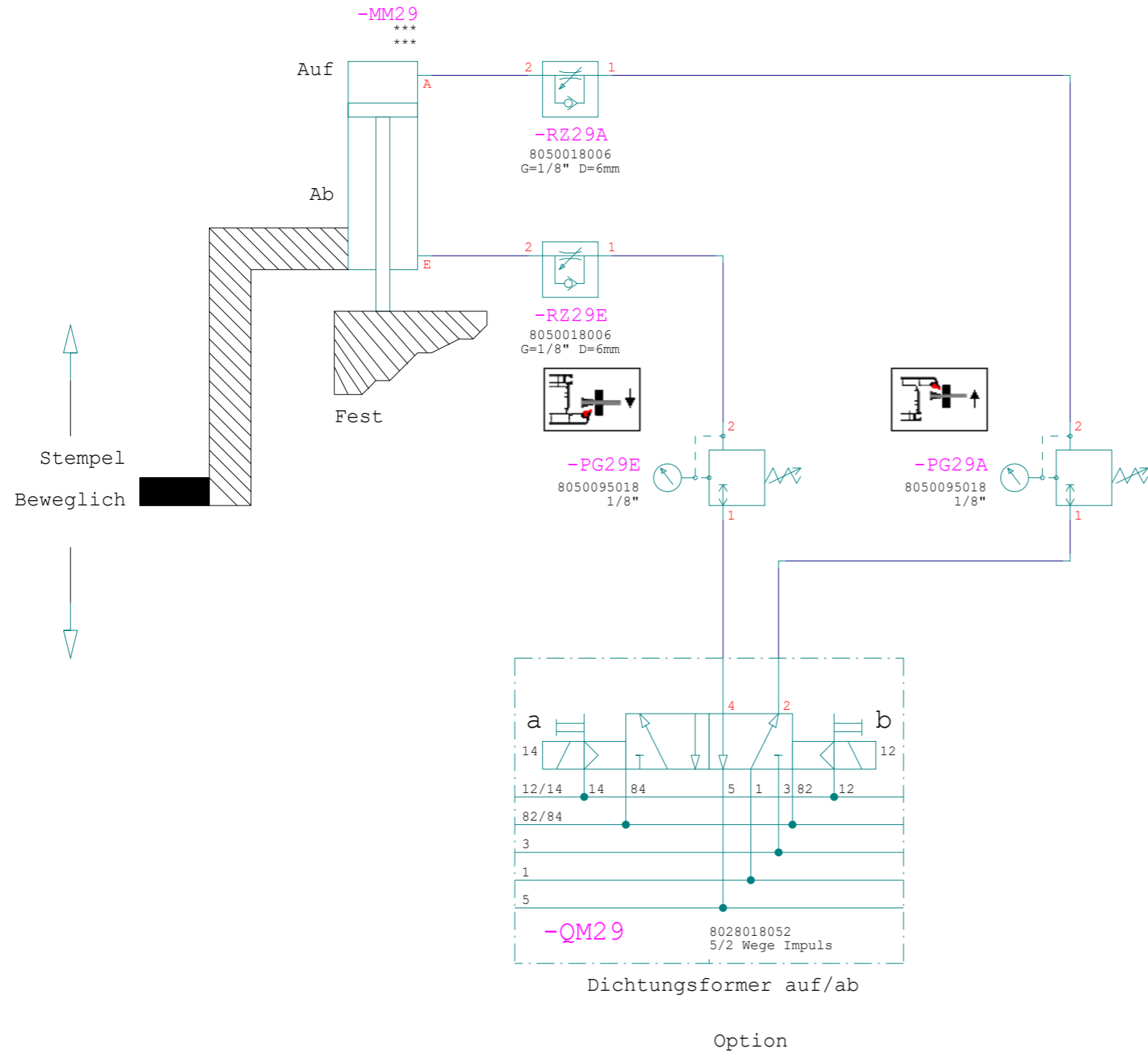


Bremse Kopfverschiebung

Aggr. FFE KH11.1 Block

				Datum	07.08.2019	SMH-510-4 Rotox sp.z.o.o.		SMH-510-4-64P__5010000002-0020		=	
				Bearb.	Justus					+	
				Gepr.							
Zust.	Änderung	Datum	Name	Norm	Urspr.	Ers.f	Ers.d	MNR:		von 45	Blatt 4



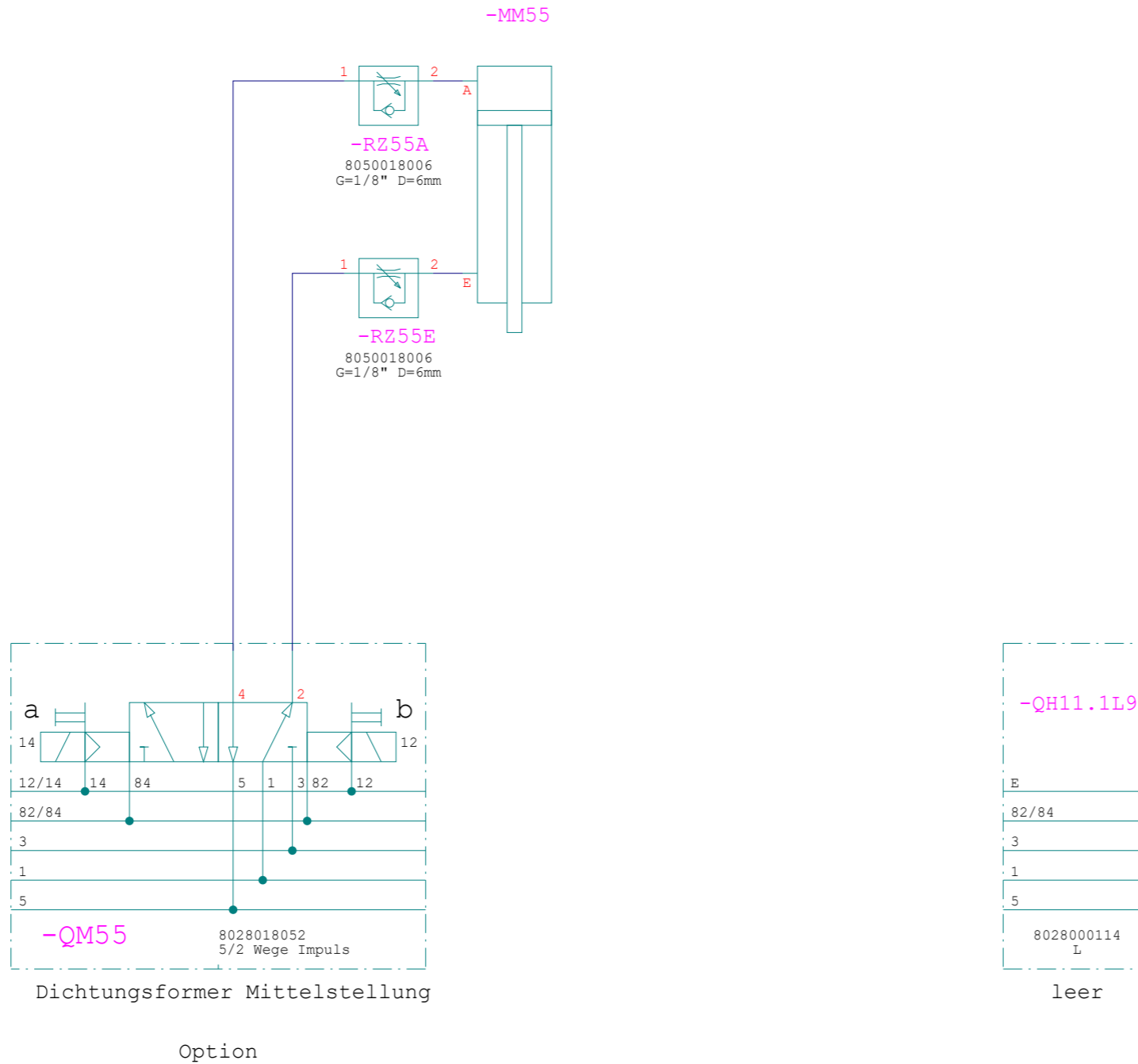


Aggr. FFE KH11.1 Block

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				Bearb.	Justus					+	
				Gepr.							
Zust.	Änderung	Datum	Name	Norm	Urspr.	Ers.f	Ers.d	MNR:	von 45		Blatt 5



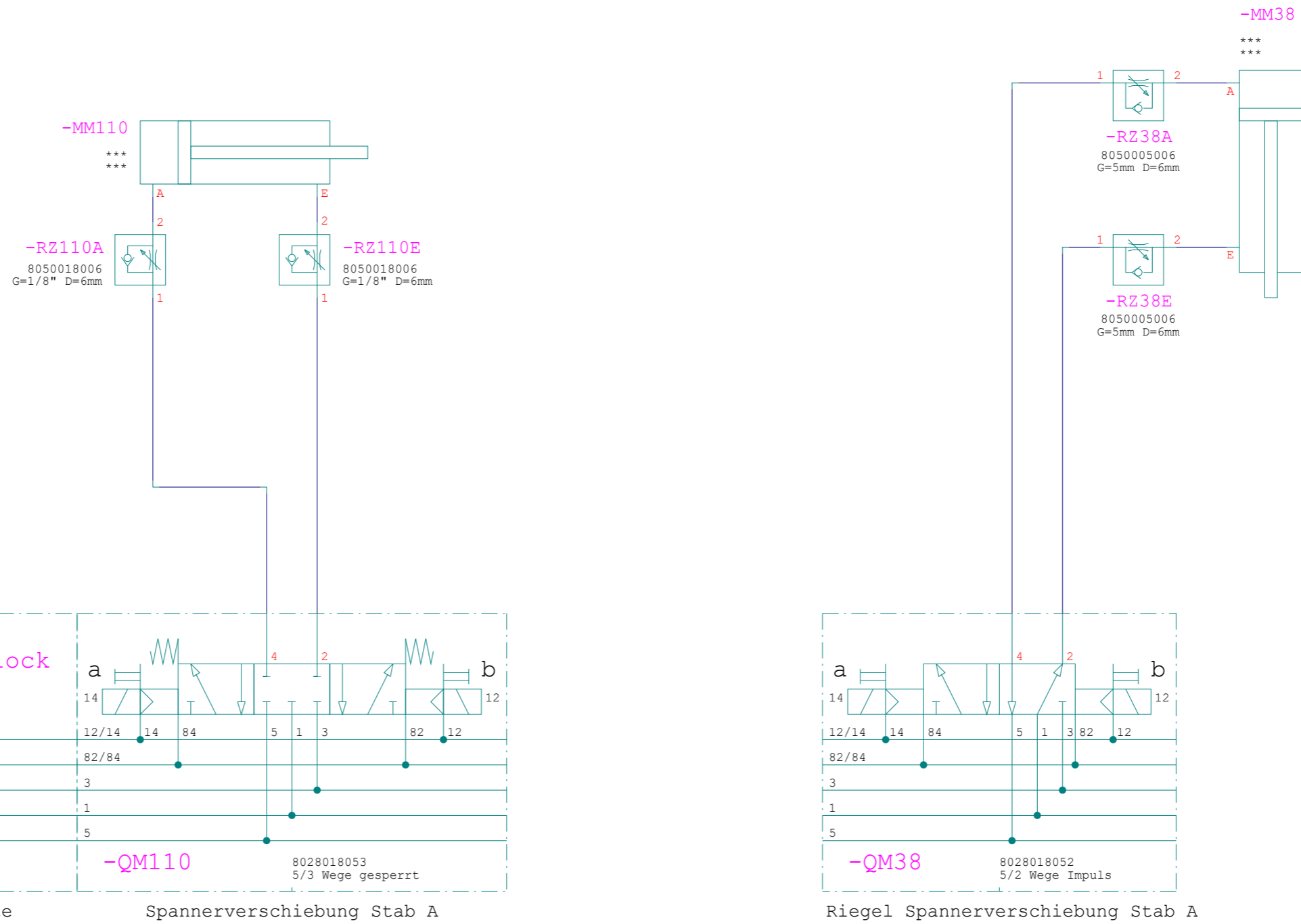




Aggr. FFE KH11.1 Block

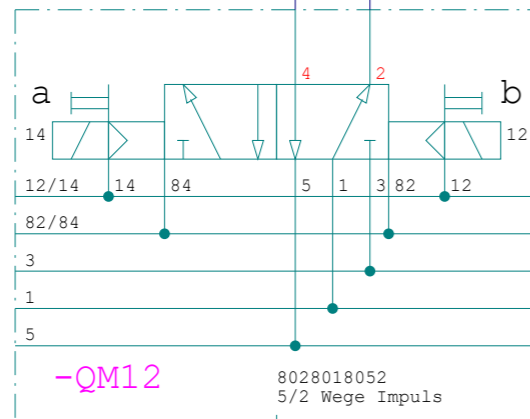
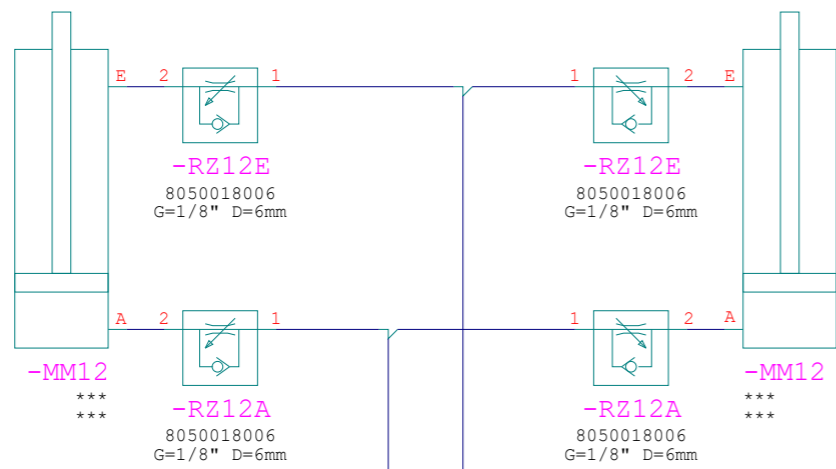
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				Bearb.	Justus	Rotox sp.z.o.o.			+		
				Gepr.							
Zust.	Änderung	Datum	Name	Norm		Urspr.	Ers.f	Ers.d	MNR:	von 45	Blatt 6



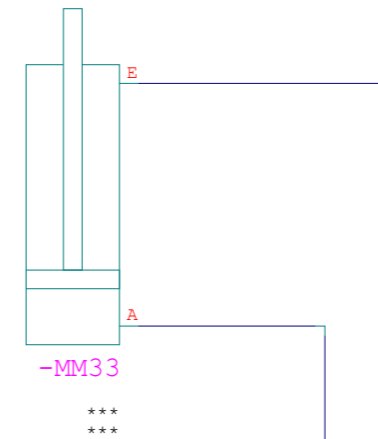


Aggr. FFE KH11.2 Block

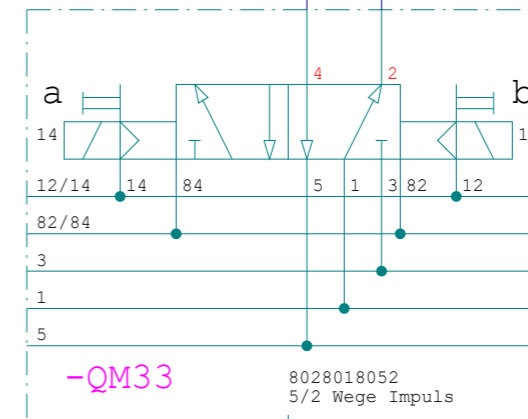
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				Bearb.	Justus	Rotox sp.z.o.o.		ROTOX®		SMH-510-4-64P__5010000002-0020			
				Gepf.						MNR:		von 45	
Zust.	Änderung	Datum	Name	Norm	Urspr.	Ers.f	Ers.d					Blatt 8	



Abtransport Ausheber



Höheprofil



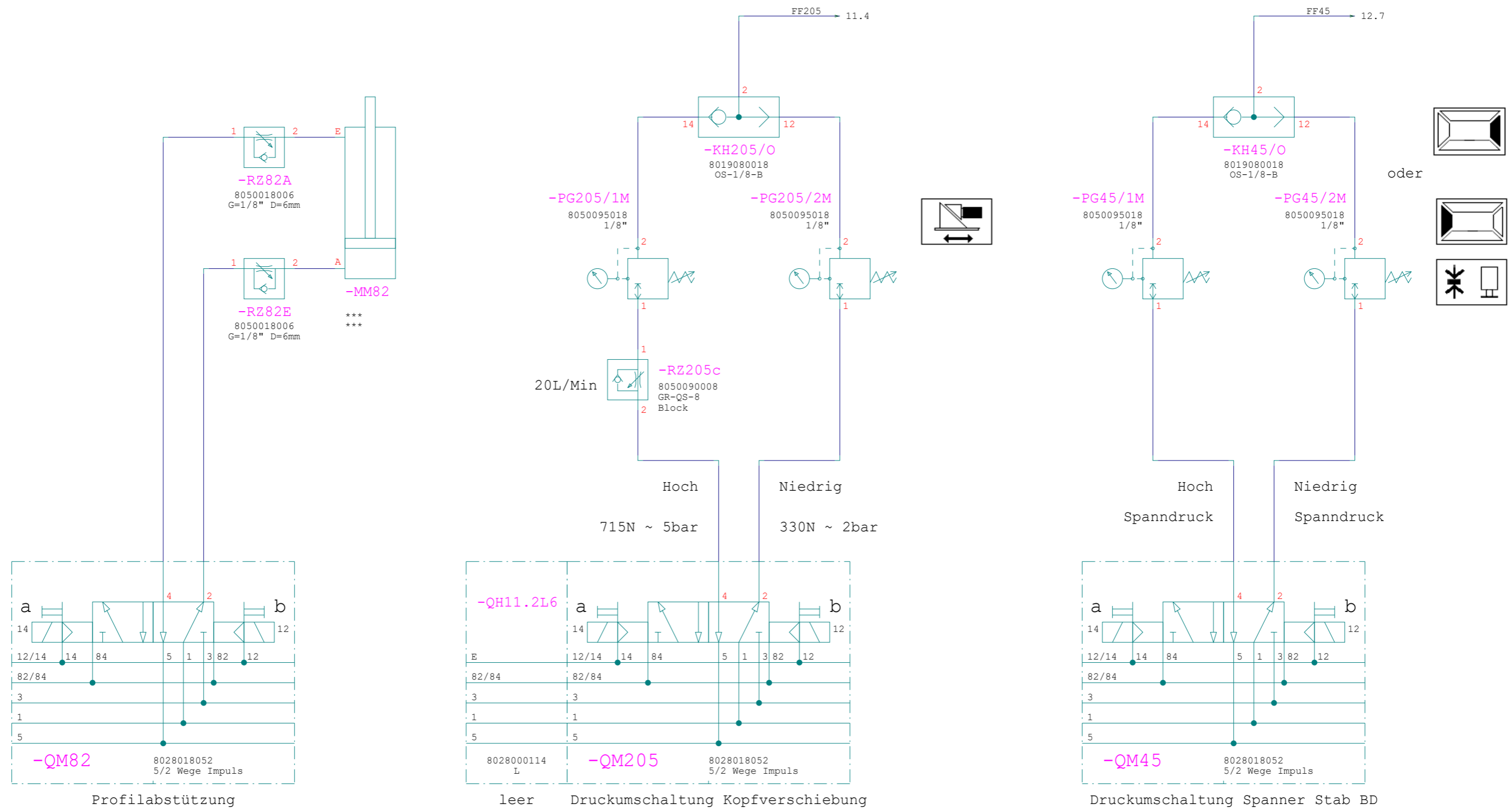
Werkzeuganhebung

Option

Aggr. FFE KH11.2 Block

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				Bearb.	Justus	Rotox sp.z.o.o.							
				Gepr.									
Zust.	Änderung	Datum	Name	Norm	Urspr.	Ers.f	Ers.d	SMH-510-4-64P__5010000002-0020		MNR:		=	
												+	
												von 45	Blatt 9



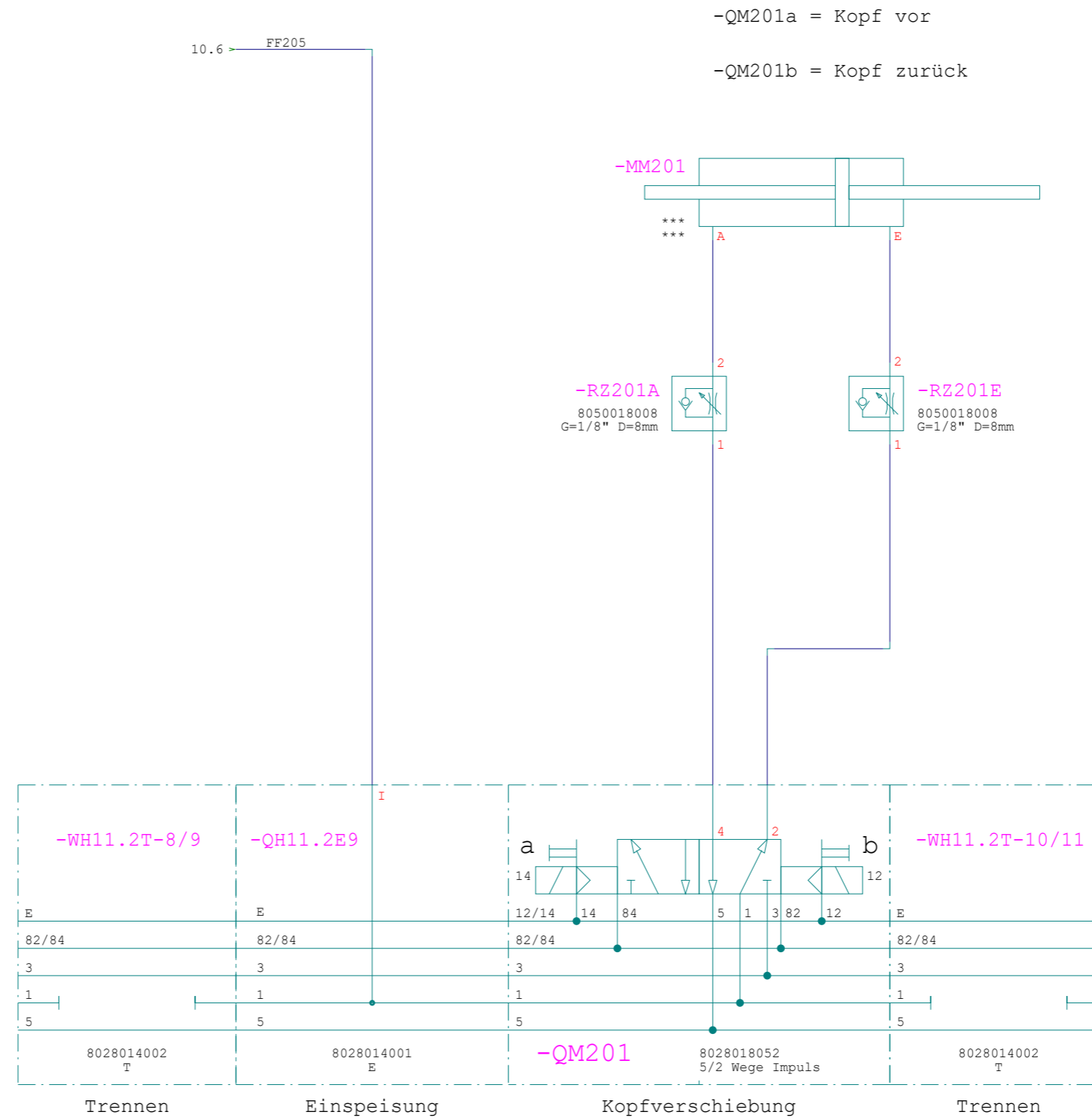


Aggr. FFE KH11.2 Block

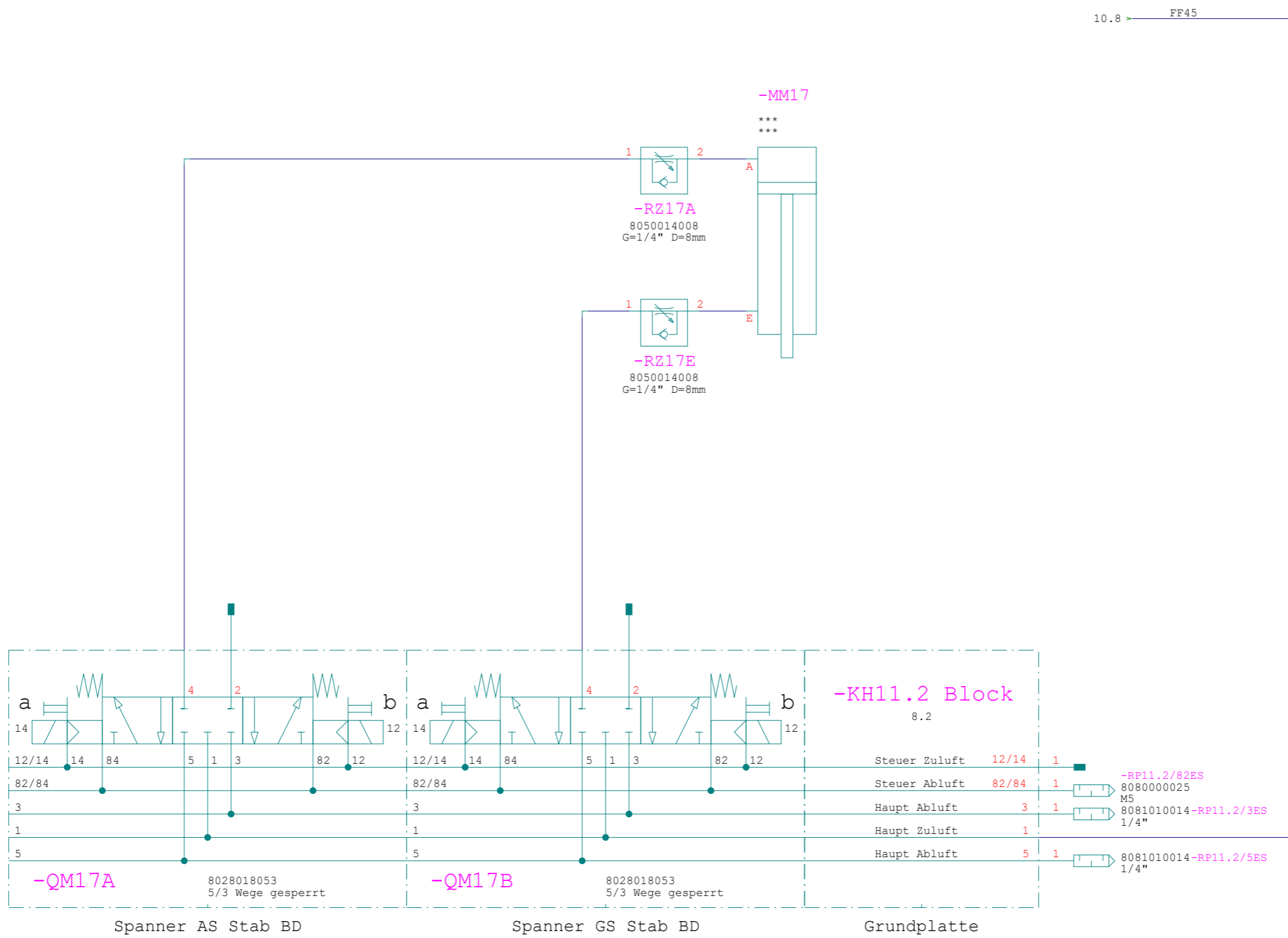
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Bearb.		Justus		Rotox sp.z.o.o.		+	
Gepr.							
Zust.	Änderung	Datum	Name	Norm	Urspr.	Ers.f	Ers.d
						MNR:	
						von 45	
						Blatt 10	



SMH-510-4-64P\_\_5010000002-0020



Aggr. FFE KH11.2 Block



Datum		07.08.2019		SMH-510-4		<b>ROTOX</b>		SMH-510-4-64P__5010000002-0020		=	
Bearb.		Justus		Rotox sp.z.o.o.						+	
Gepr.				Urspr.		Ers.f		Ers.d		MNR:	
Zust.	Änderung	Datum	Name	Norm						von 45	Blatt 12

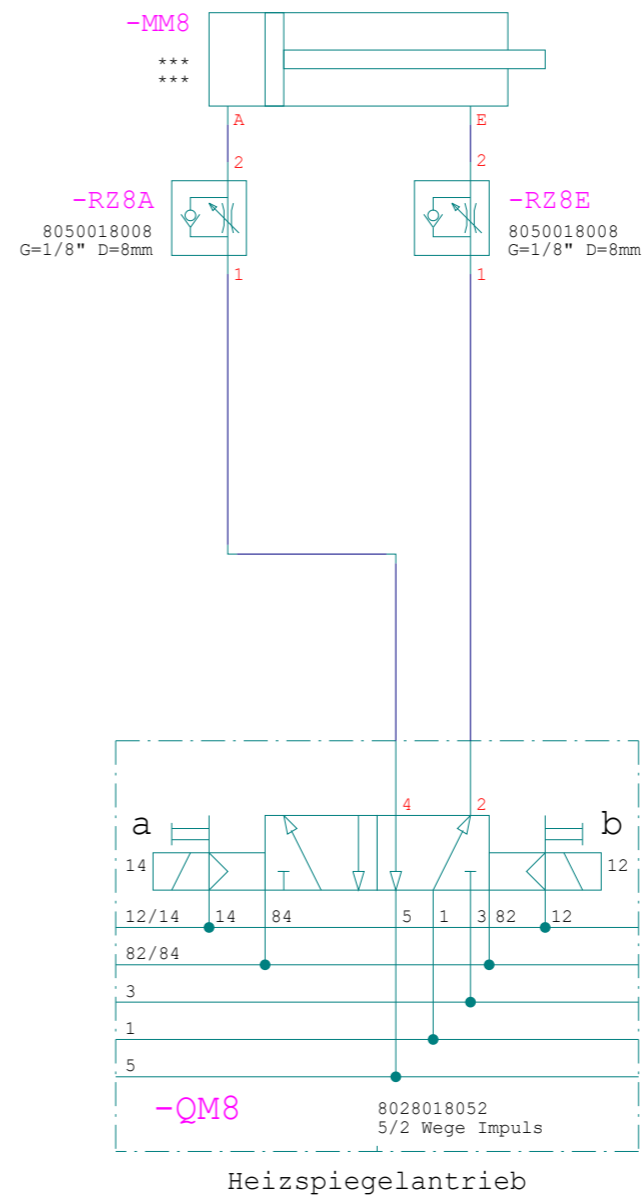
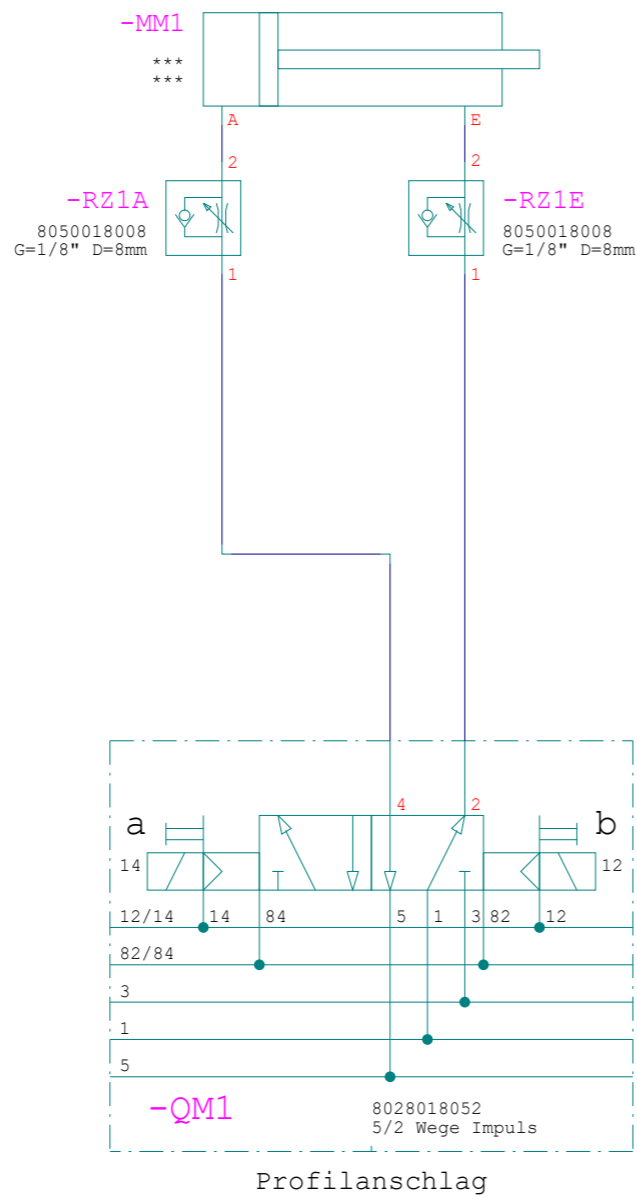


Aggr. FBE KH15.1 Block

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				Bearb.	Justus	Rotox sp.z.o.o.							
				Gepr.									
Zust.	Änderung	Datum	Name	Norm	Urspr.	Ers.f	Ers.d	SMH-510-4-64P__5010000002-0020		MNR:		von 45	Blatt 13

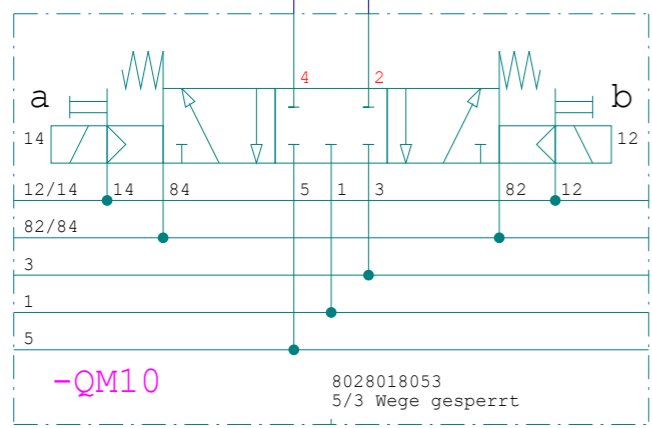
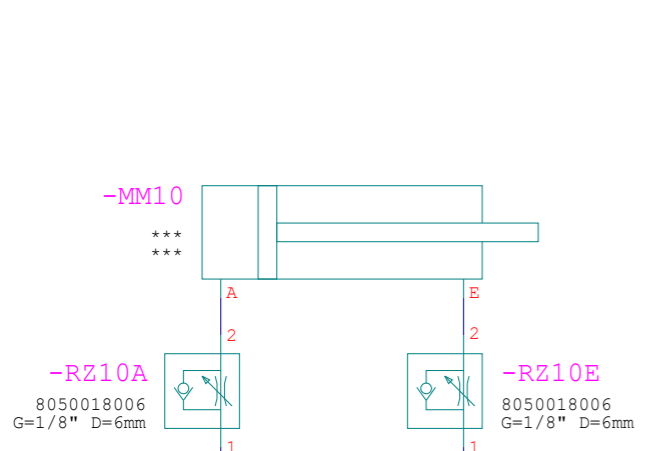




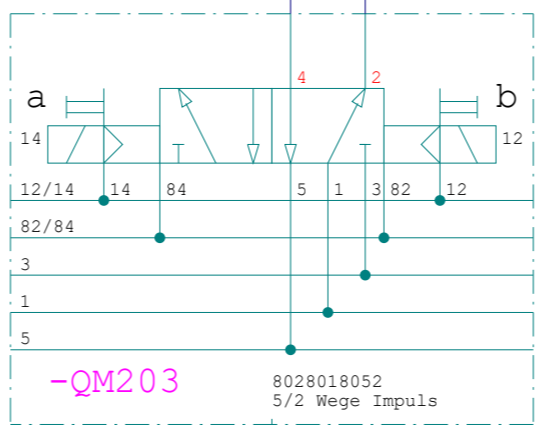
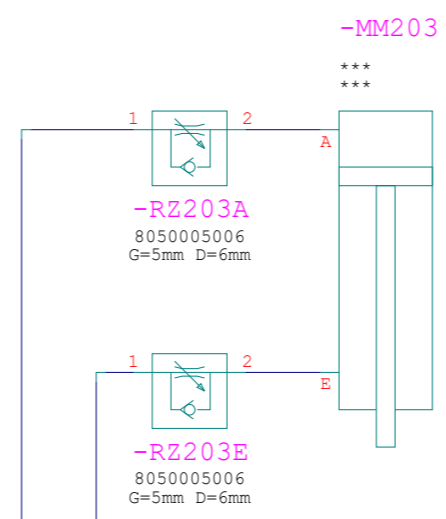


Aggr. FBE KH15.1 Block

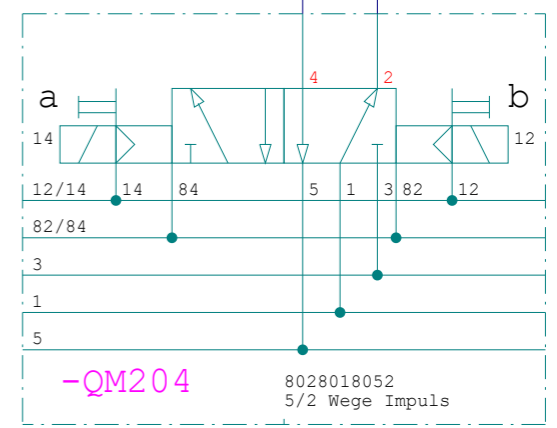
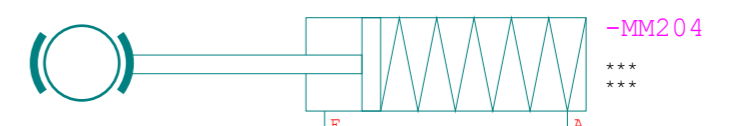
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				Bearb.	Justus	Rotox sp.z.o.o.		ROTOX®		SMH-510-4-64P__5010000002-0020			
				Gepr.									
Zust.	Änderung	Datum	Name	Norm	Urspr.	Ers.f	Ers.d	MNR:		von 45		Blatt 14	



Spannerschiebung Stab BD



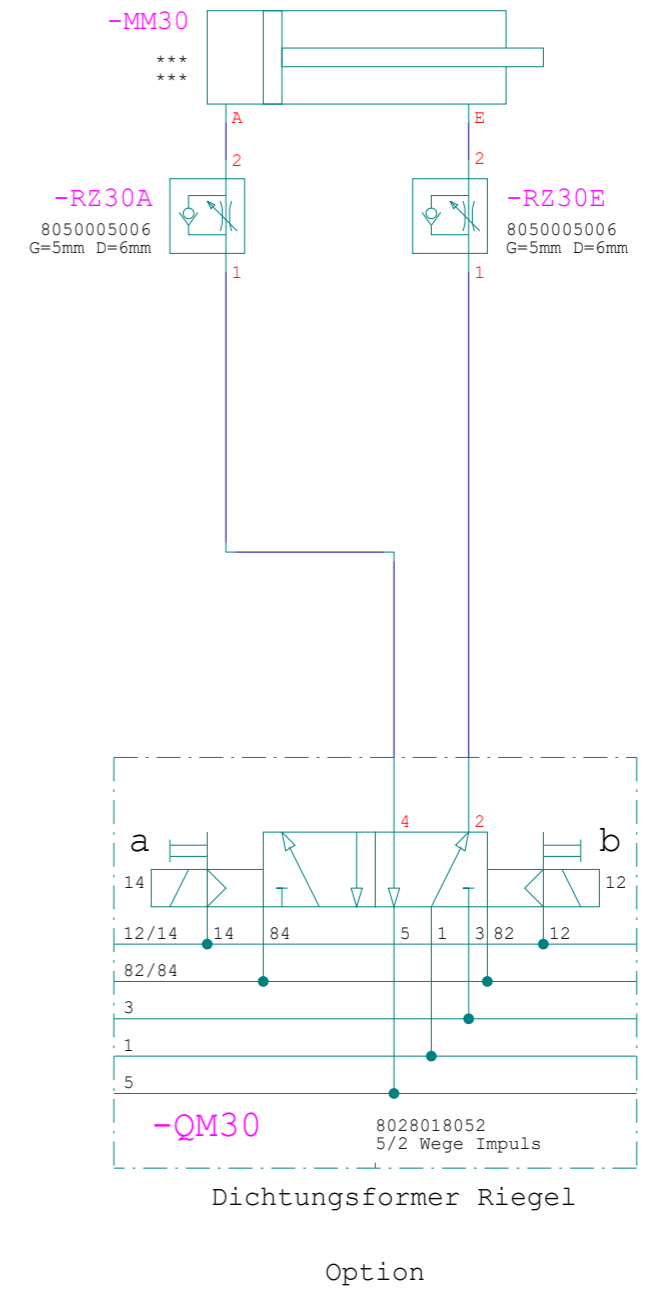
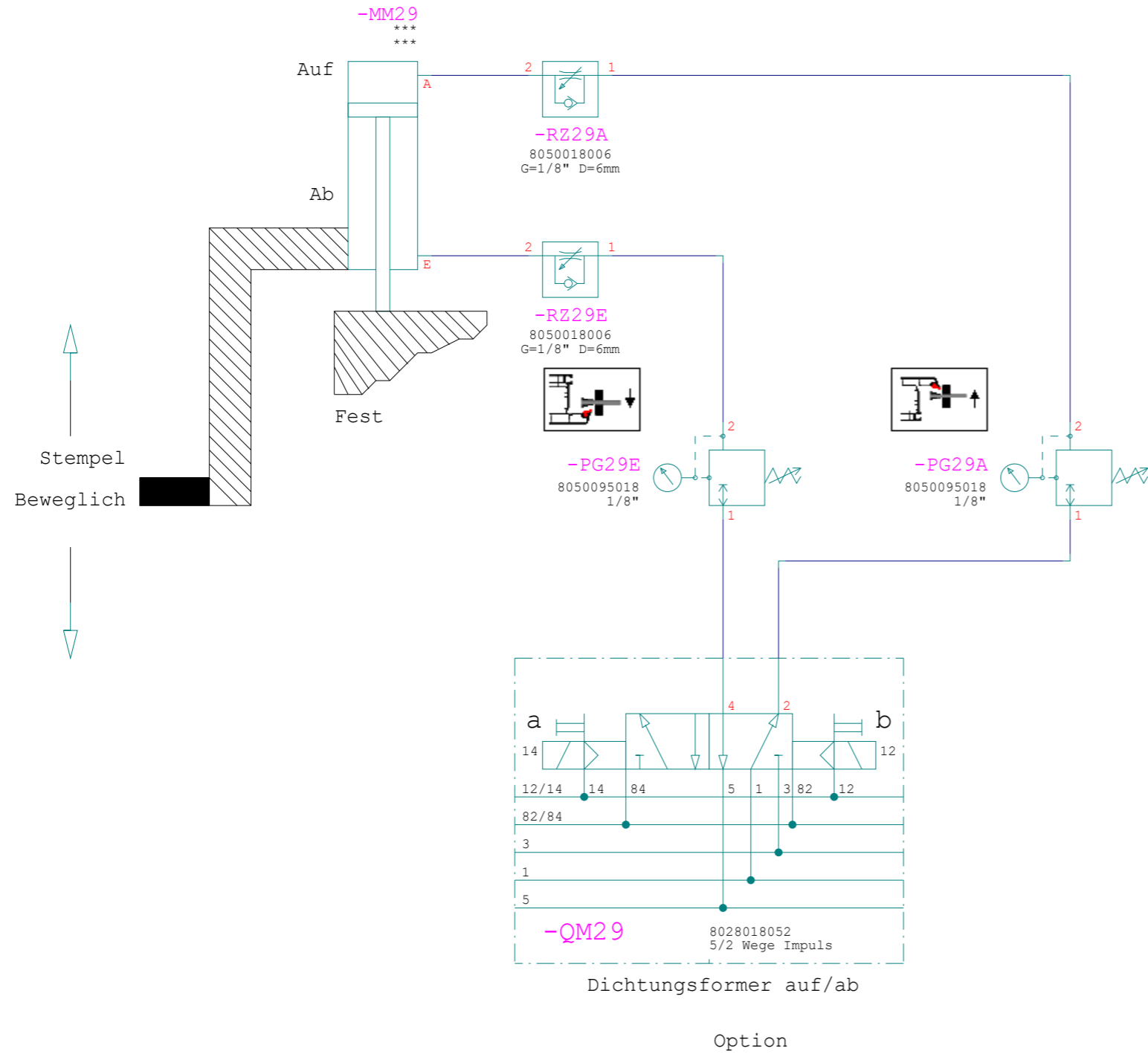
Riegel Kopfverschiebung



Bremse Kopfverschiebung

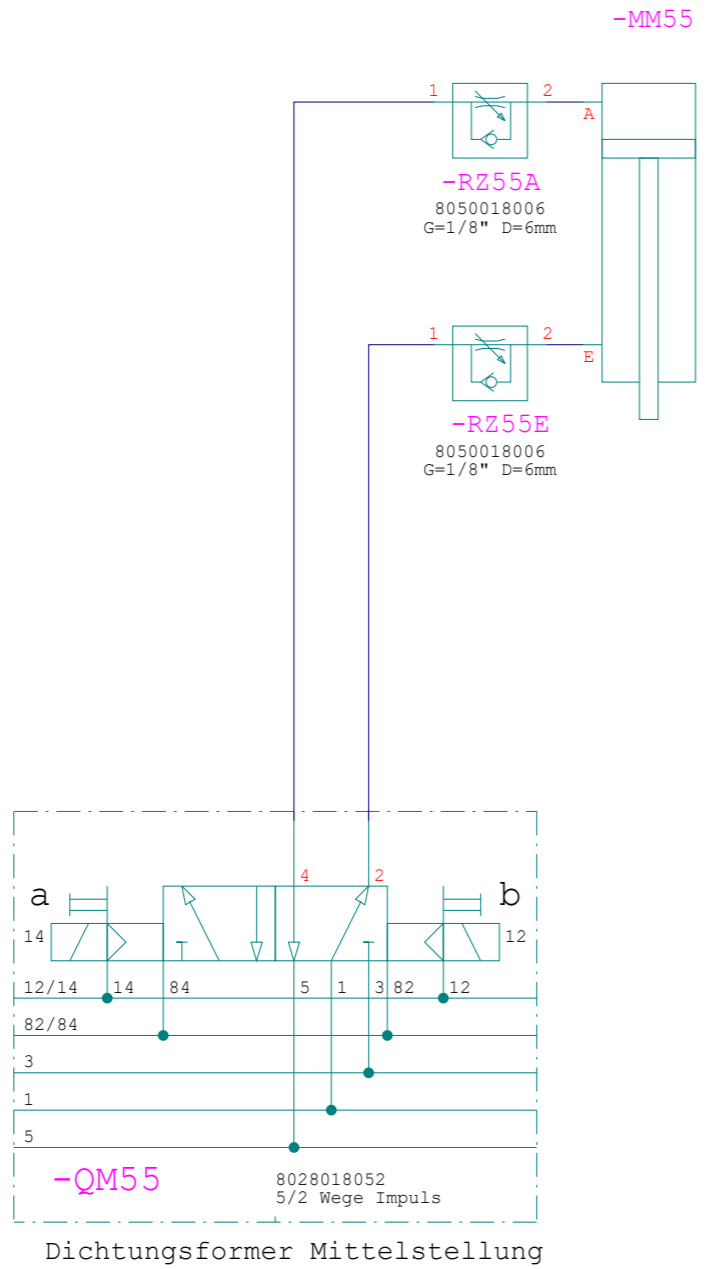
Aggr. FBE KH15.1 Block



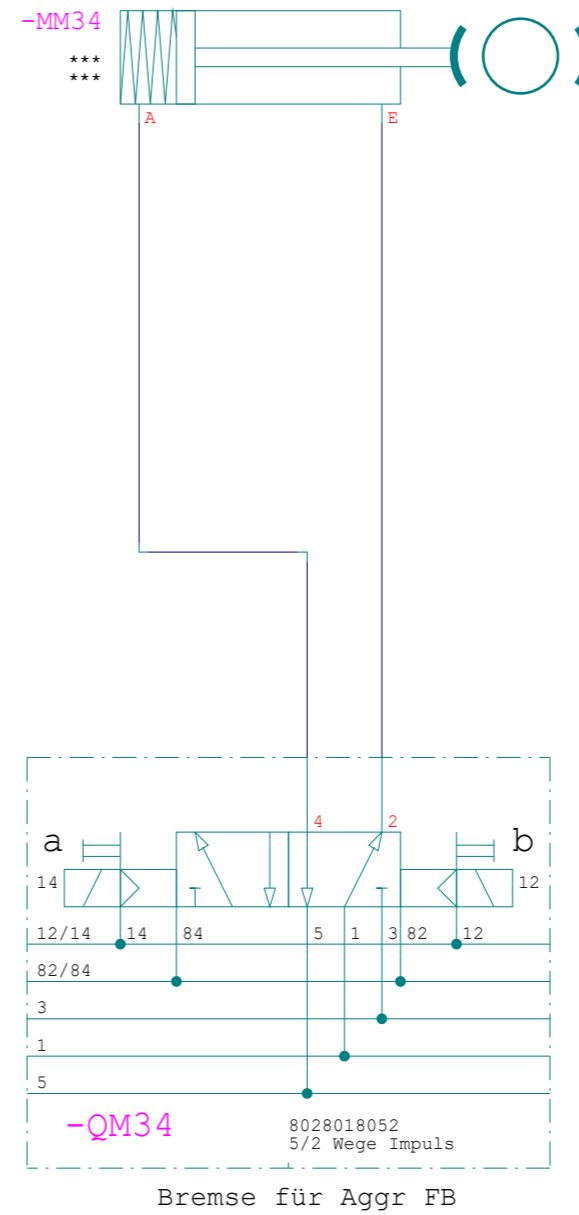


Aggr. FBE KH15.1 Block

		Datum	07.08.2019	SMH-510-4 Rotox sp.z.o.o.		<b>ROTOX</b>		SMH-510-4-64P__5010000002-0020		=	
		Bearb.	Justus							+	
Zust.	Änderung	Datum	Name	Norm	Urspr.	Ers.f	Ers.d	MNR:		von 45	
										Blatt 16	

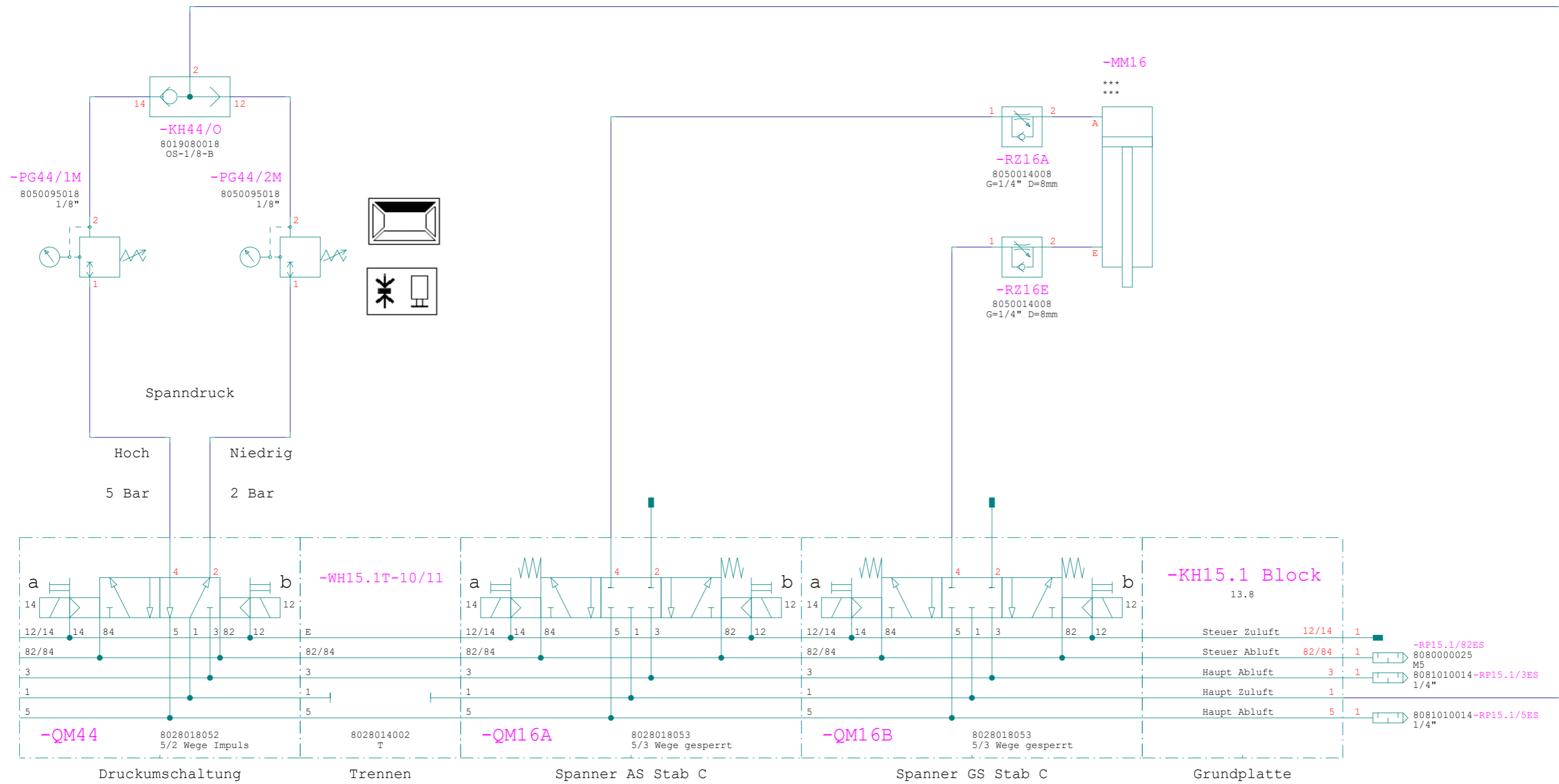


Option



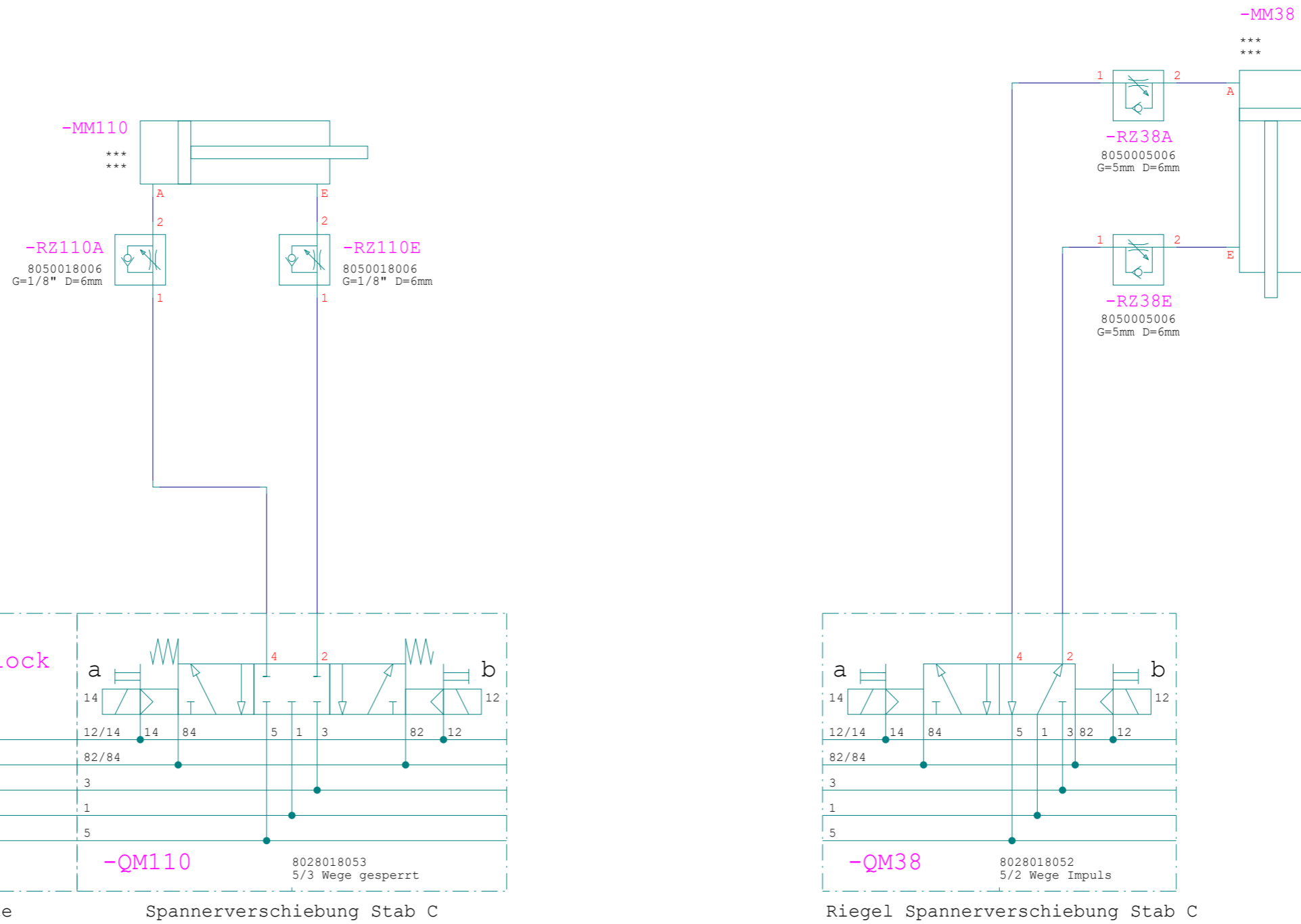
Aggr. FBE KH15.1 Block

				Datum	07.08.2019	SMH-510-4 Rotox sp.z.o.o.		SMH-510-4-64P__5010000002-0020		=	
				Bearb.	Justus					+	
				Gepr.							
Zust.	Änderung	Datum	Name	Norm	Urspr.	Ers.f	Ers.d	MNR:		von 45	Blatt 17

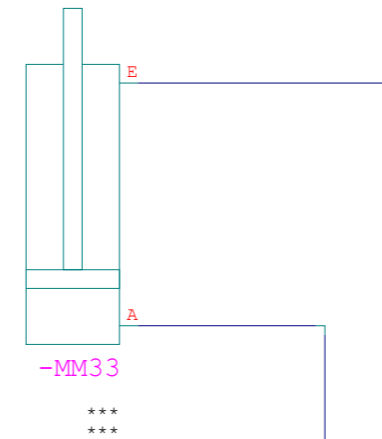


Aggr. FBE KH15.1 Block

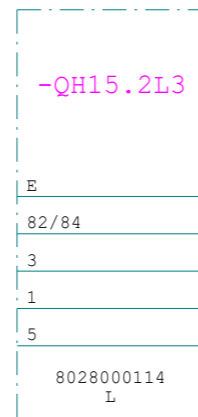
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		Bearb.	Justus					+	
		Gepr.							
Zust.	Änderung	Datum	Name	Norm	Urspr.	Ers.f	Ers.d	MNR:	von 45    Blatt 18



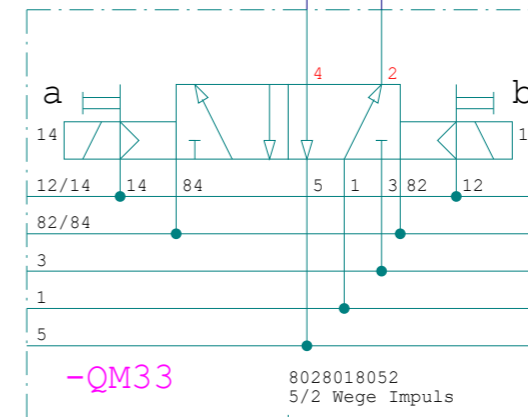
Aggr. FBE KH15.2 Block



Höheprofil



leer



Werkzeuganhebung

Option

Aggr. FBE KH15.2 Block

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				Gepr.									
Zust.	Änderung	Datum	Name	Norm		Urspr.	Ers.f	Ers.d		MNR:		von 45	Blatt 20



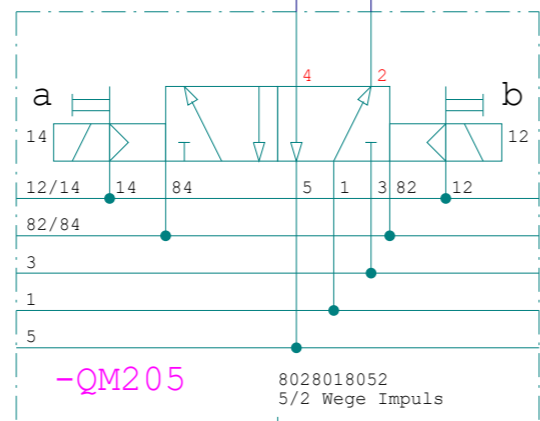
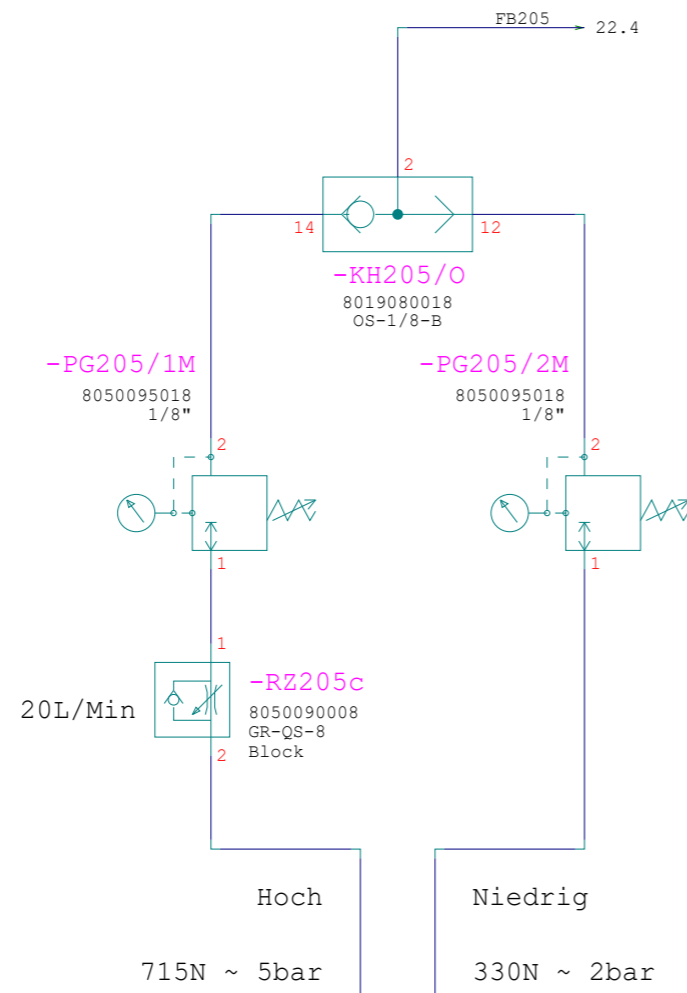
SMH-510-4-64P\_\_5010000002-0020

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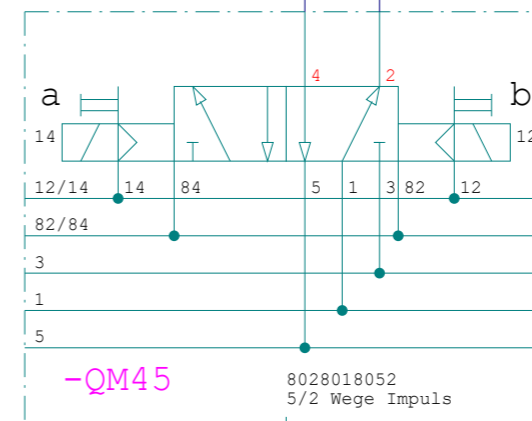
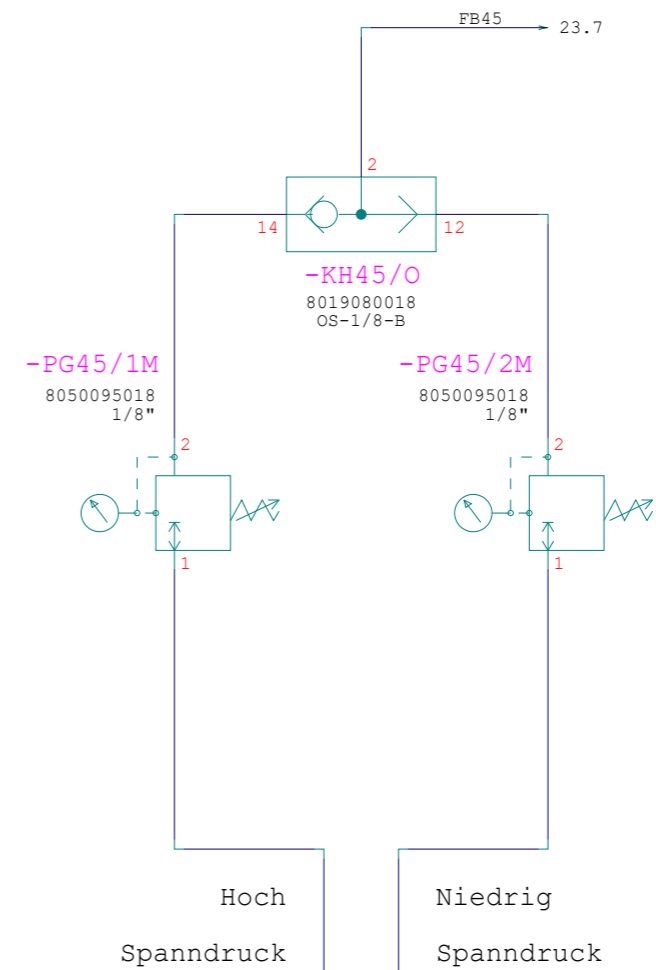
MNR:

von 45

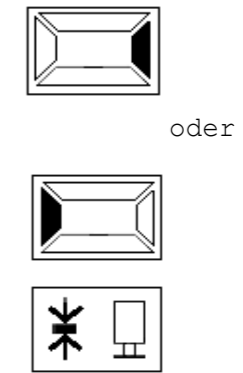
Blatt 20



Druckumschaltung Kopfverschiebung



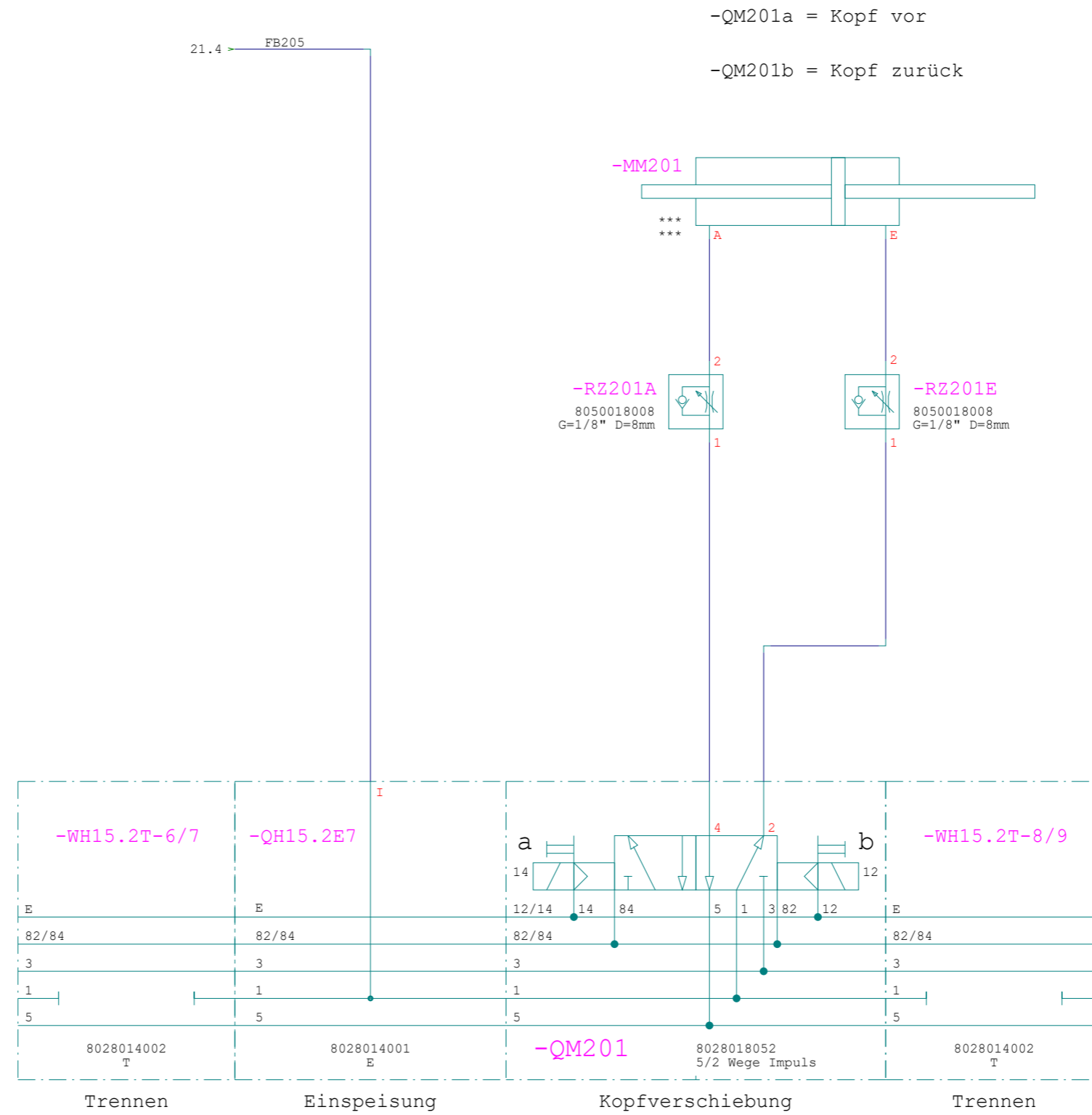
Druckumschaltung Spanner Stab BD



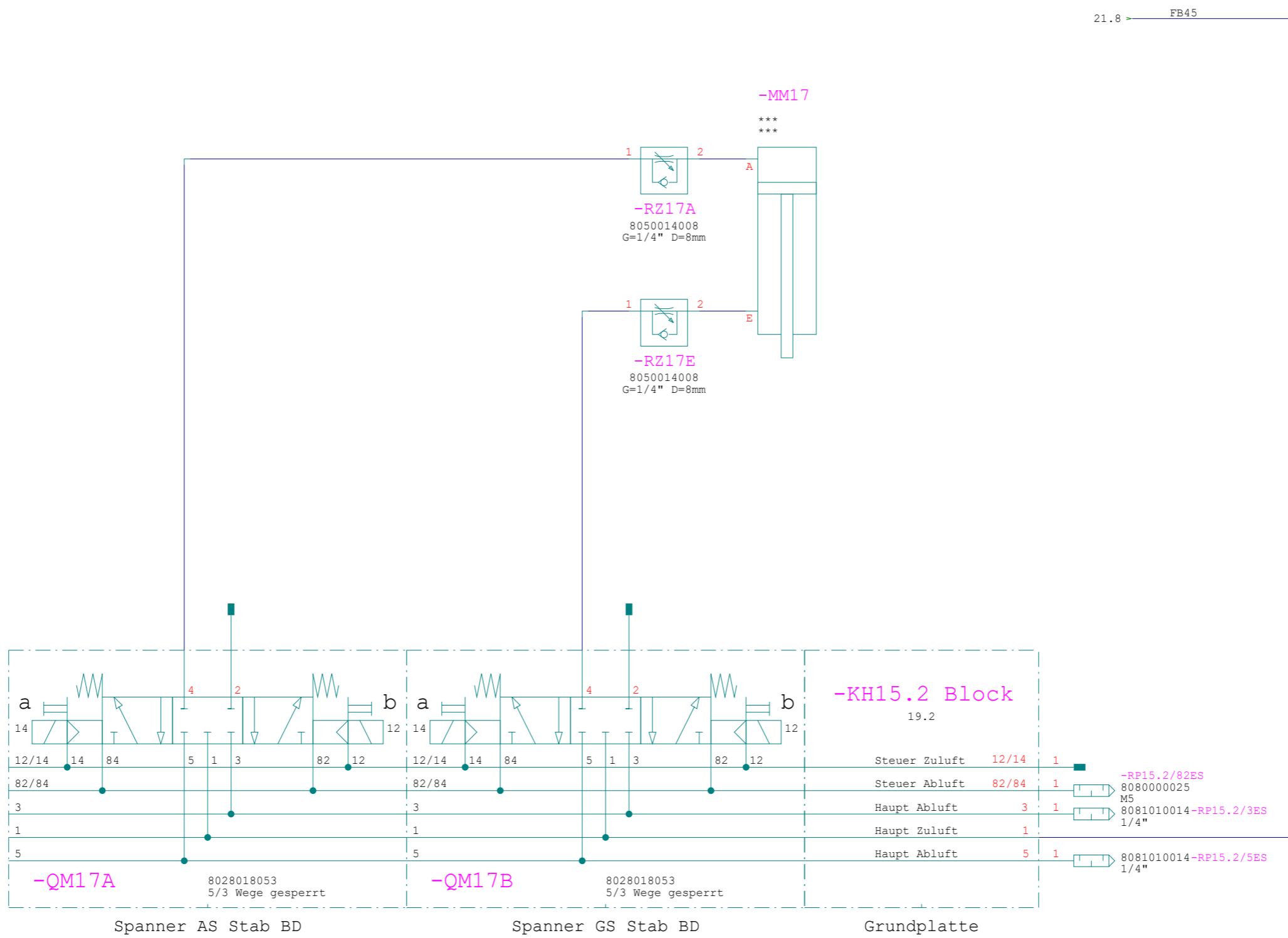
Aggr. FBE KH15.2 Block

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				Bearb.	Justus	Rotox sp.z.o.o.					+
				Gepr.							
Zust.	Änderung	Datum	Name	Norm	Urspr.	Ers.f	Ers.d	MNR:		von 45	Blatt 21



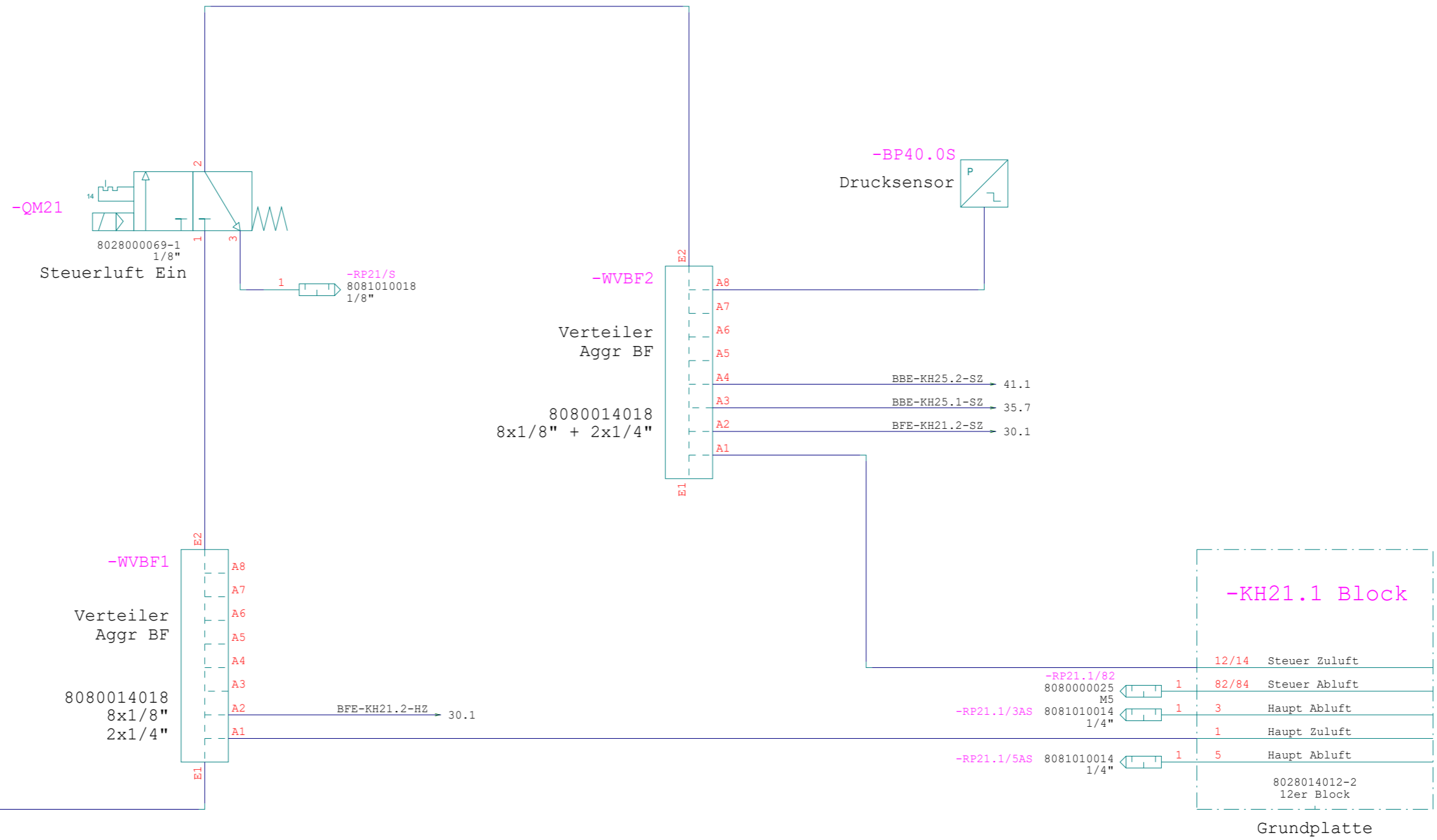


				Datum	07.08.2019	SMH-510-4 Rotox sp.z.o.o.	<b>ROTOX</b>	SMH-510-4-64P__5010000002-0020	=		
				Bearb.	Justus				+		
				Gepr.							
Zust.	Änderung	Datum	Name	Norm		Urspr.	Ers.f	Ers.d	MNR:	von 45	Blatt 22

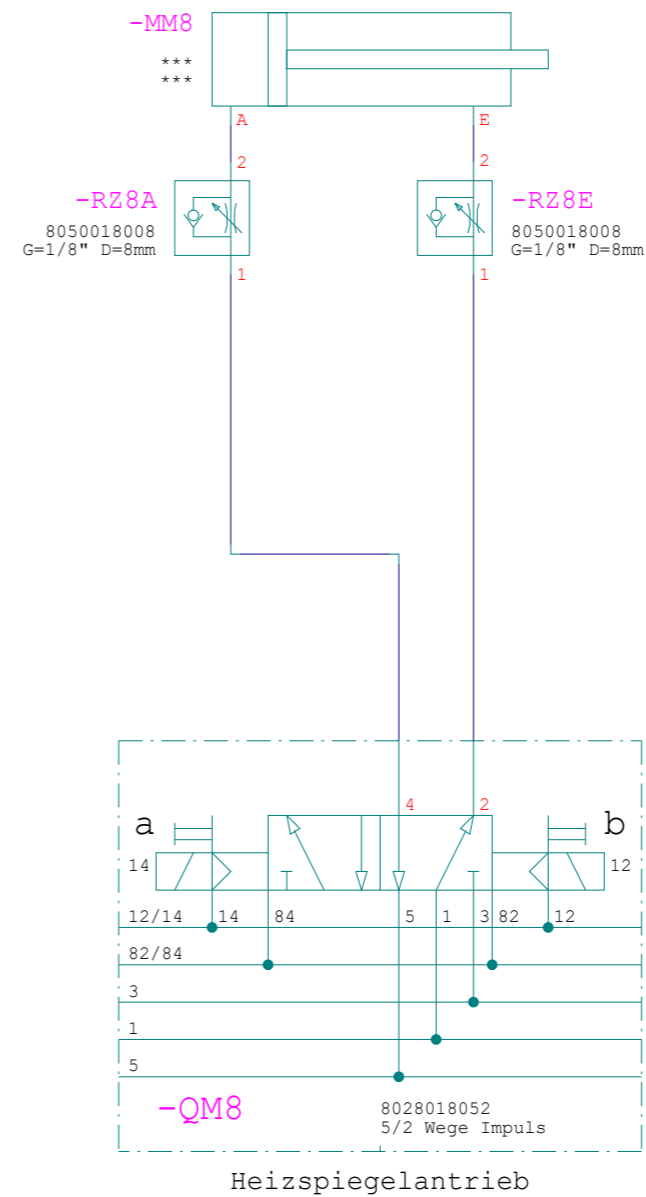
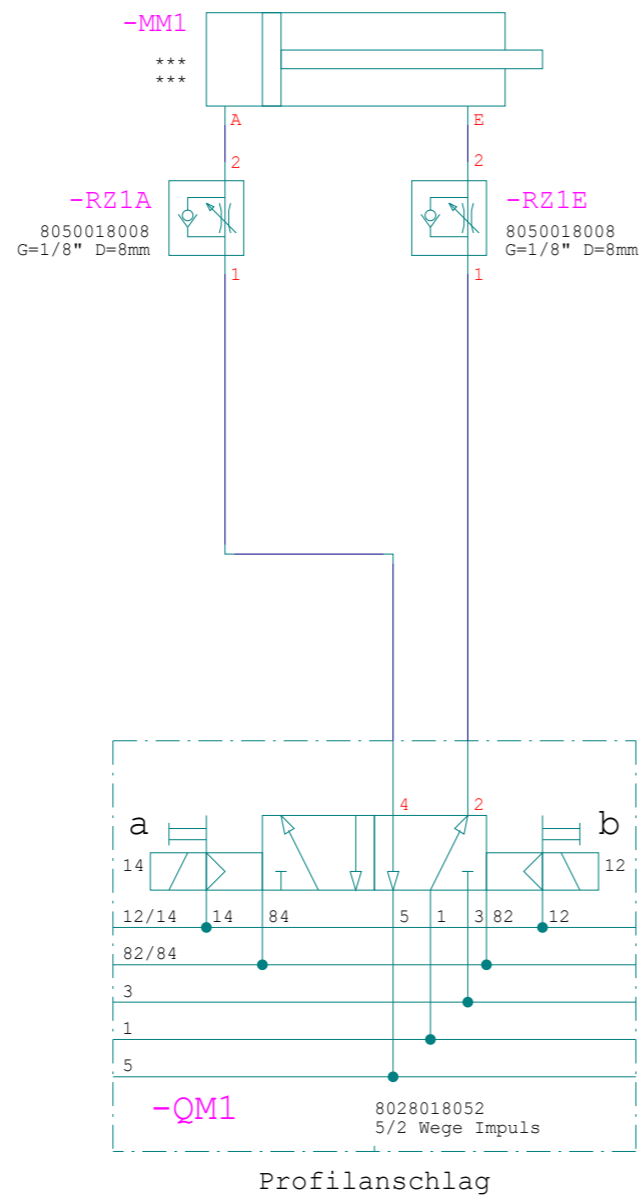


		Datum	07.08.2019	SMH-510-4 Rotox sp.z.o.o.		SMH-510-4-64P__5010000002-0020		=	
		Bearb.	Justus					+	
		Gepr.							
Zust.	Änderung	Datum	Name	Norm	Urspr.	Ers.f	Ers.d	MNR:	von 45 Blatt 23



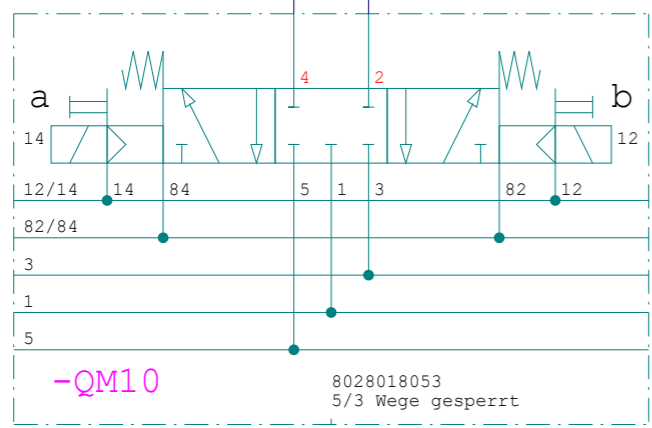
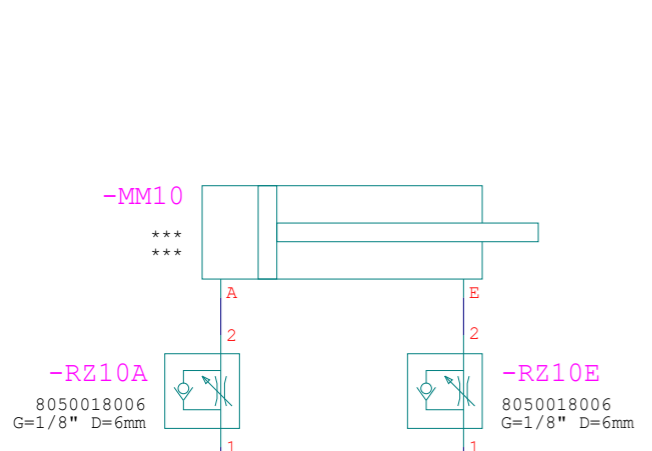


Aggr. BFE KH21.1 Block

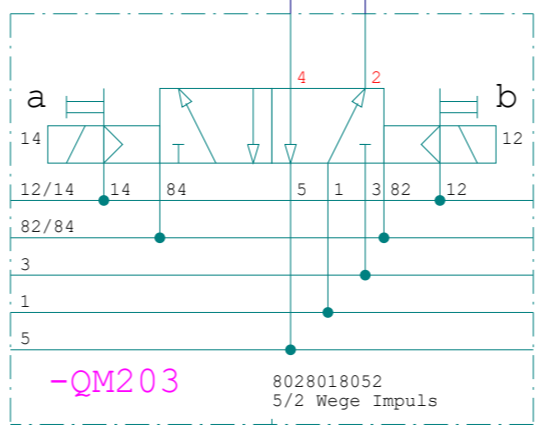
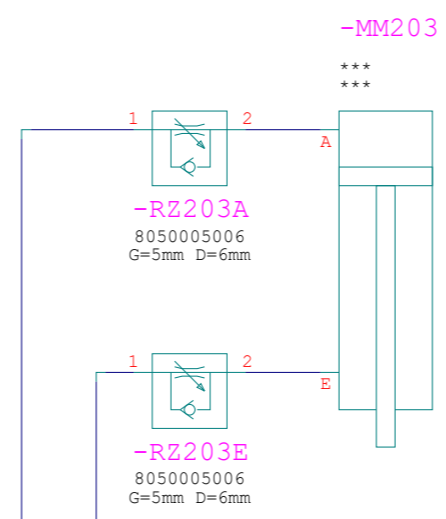


Aggr. BFE KH21.1 Block

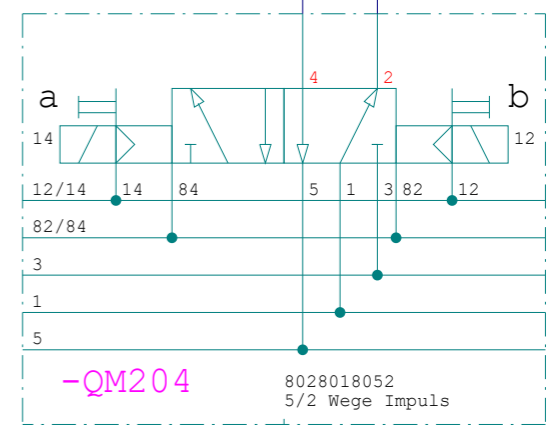
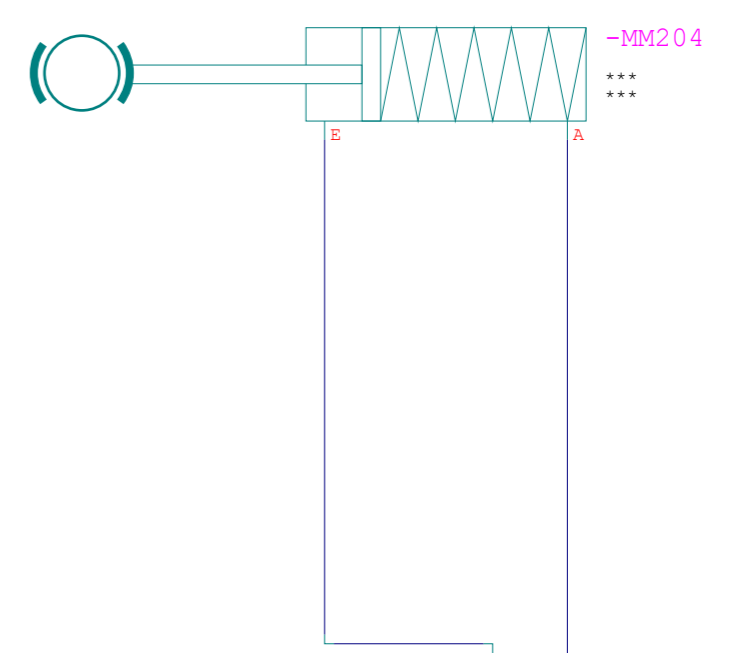
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				Bearb.	Justus	Rotox sp.z.o.o.		<b>ROTOX</b>		SMH-510-4-64P__5010000002-0020			
				Gepr.						MNR:		von 45	
Zust.	Änderung	Datum	Name	Norm	Urspr.	Ers.f	Ers.d						



Spannerverschiebung Stab BD



Riegel Kopfverschiebung

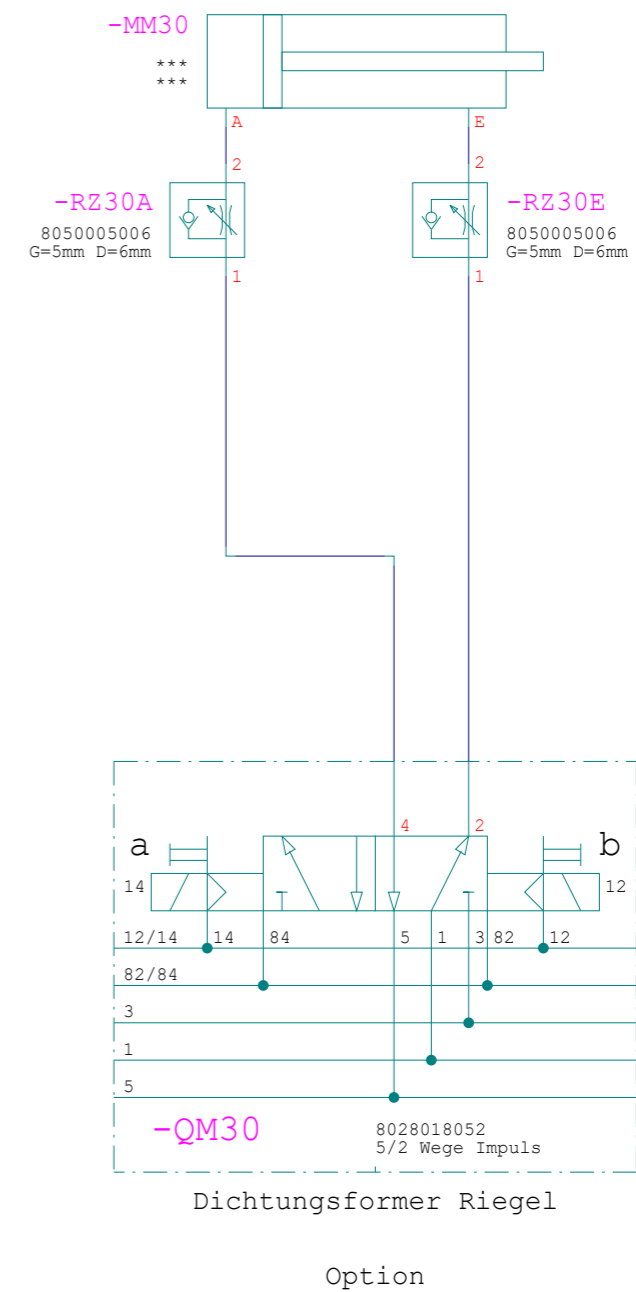
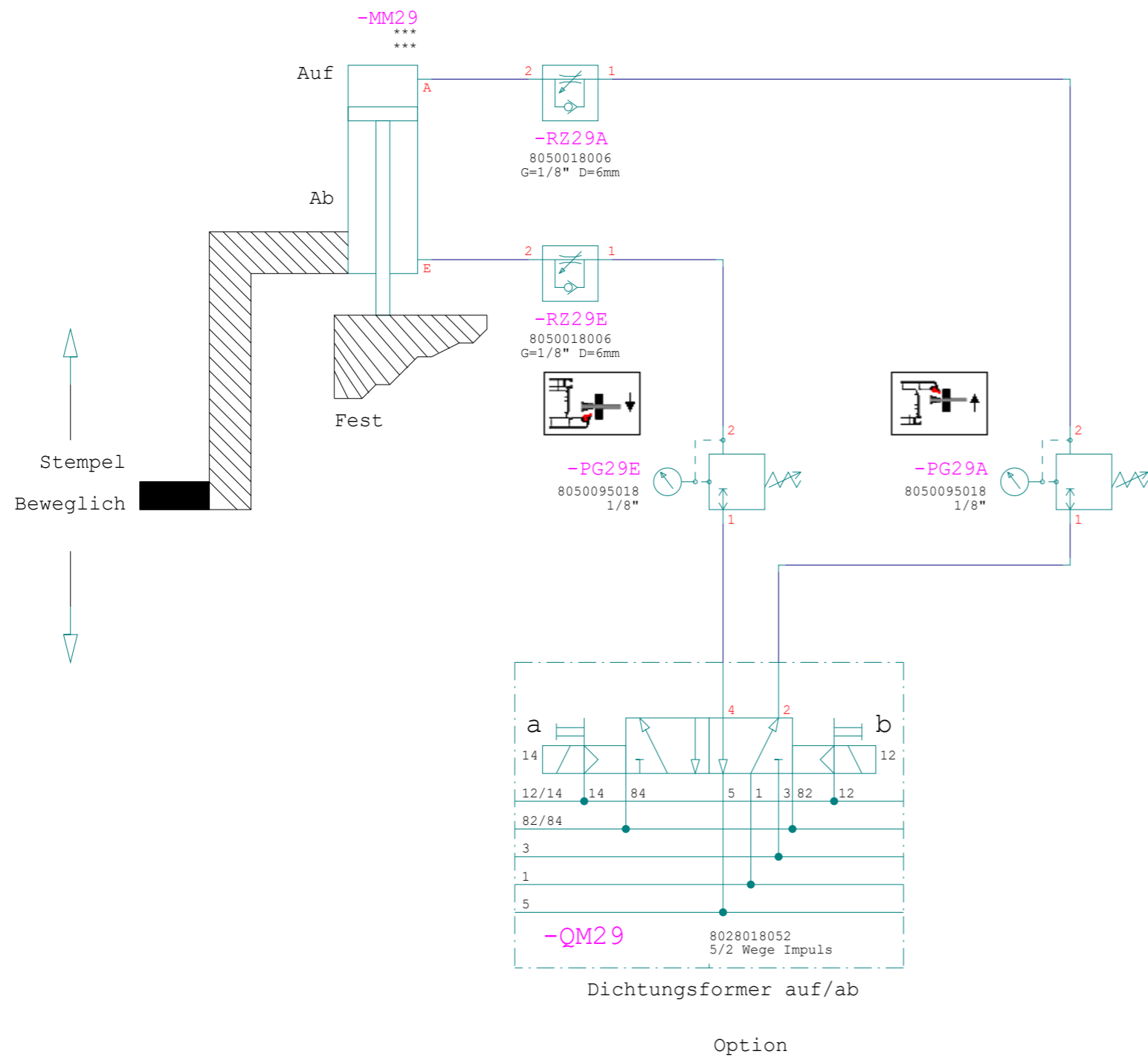


Bremse Kopfverschiebung

Aggr. BFE KH21.1 Block

				Datum	07.08.2019	SMH-510-4							
				Bearb.	Justus	Rotox sp.z.o.o.							
				Gepr.									
Zust.	Änderung	Datum	Name	Norm	Urspr.	Ers.f	Ers.d	SMH-510-4-64P__5010000002-0020		MNR:		von 45	
												Blatt 26	

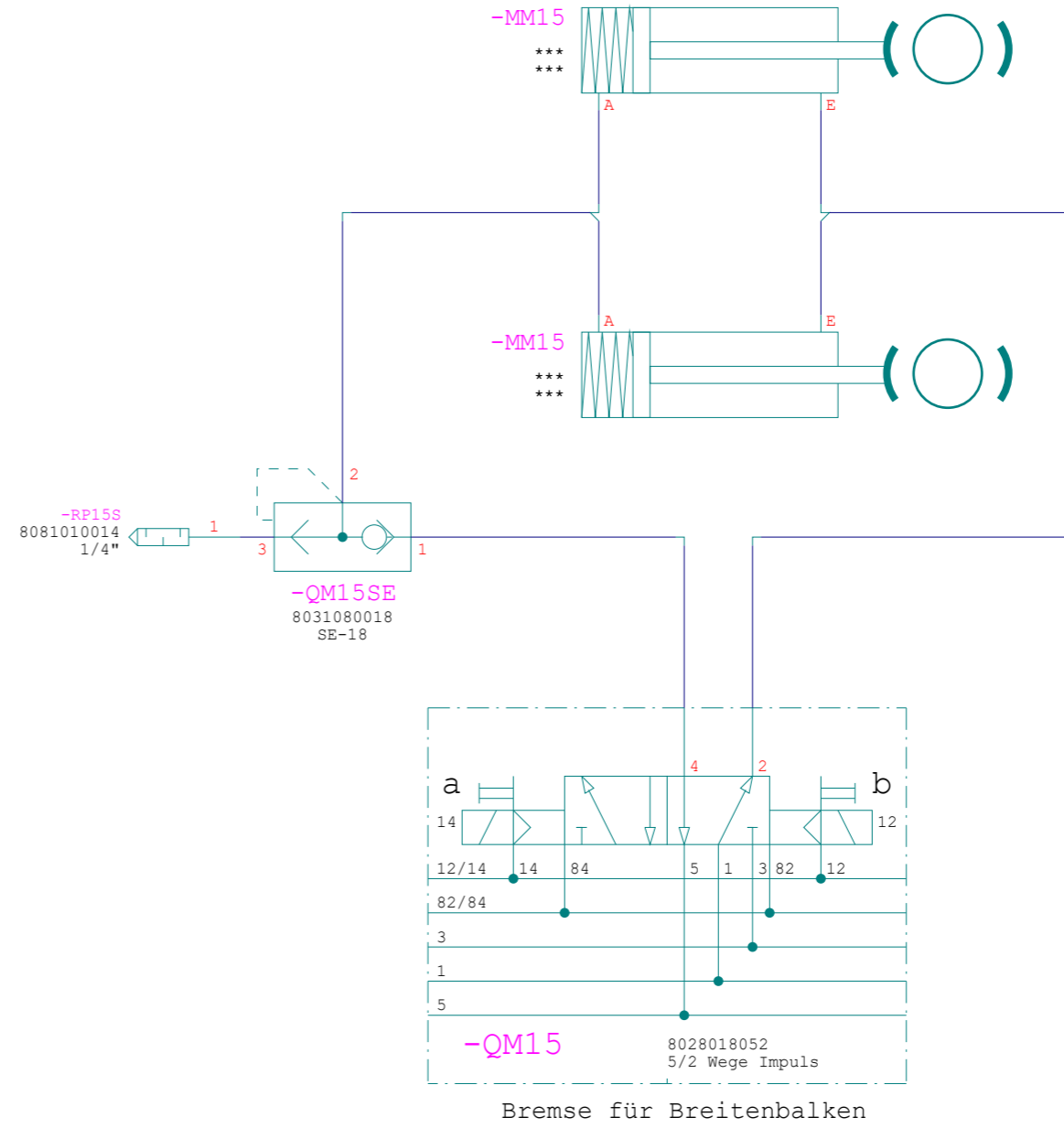
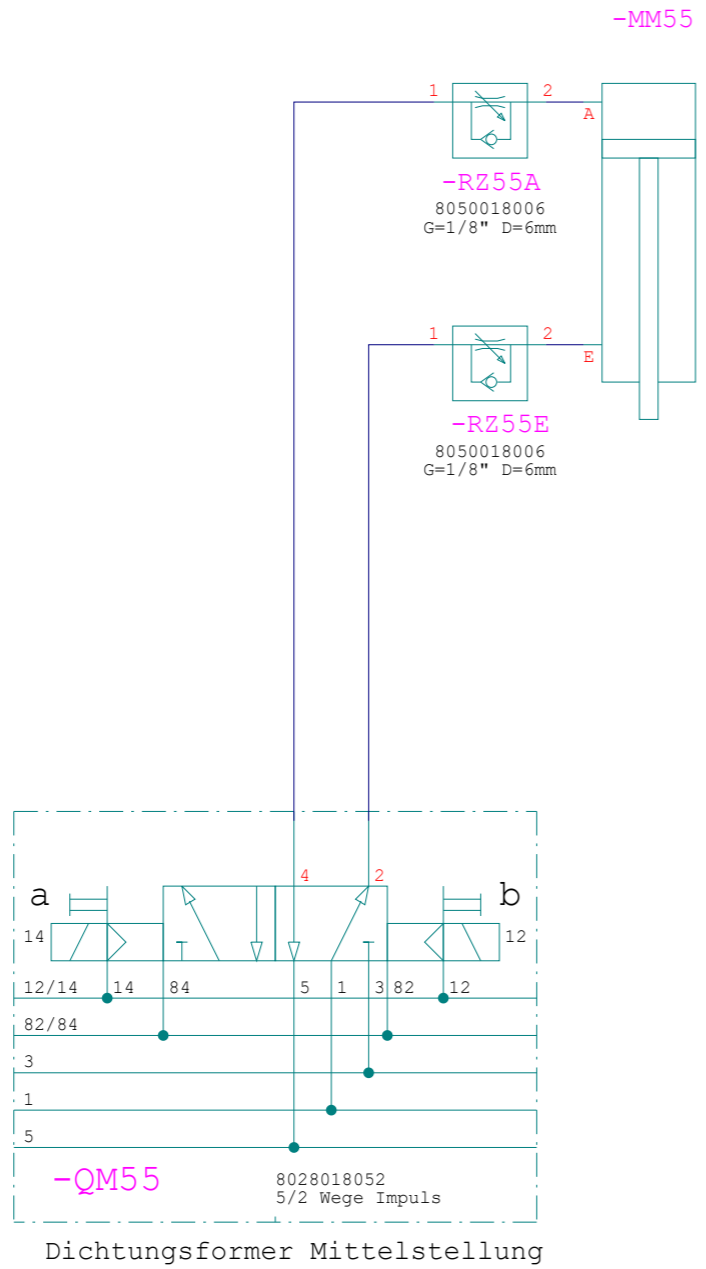




Aggr. BFE KH21.1 Block

				Datum	07.08.2019	SMH-510-4 Rotox sp.z.o.o.		SMH-510-4-64P__5010000002-0020		=	
				Bearb.	Justus					+	
				Gepr.							
Zust.	Änderung	Datum	Name	Norm	Urspr.	Ers.f	Ers.d	MNR:		von 45	Blatt 27





Aggr. BFE KH21.1 Block

				Datum	07.08.2019	SMH-510-4		=	
				Bearb.	Justus	Rotox sp.z.o.o.		+	
				Gepr.					
Zust.	Änderung	Datum	Name	Norm	Urspr.	Ers.f	Ers.d	MNR:	von 45
									Blatt 28

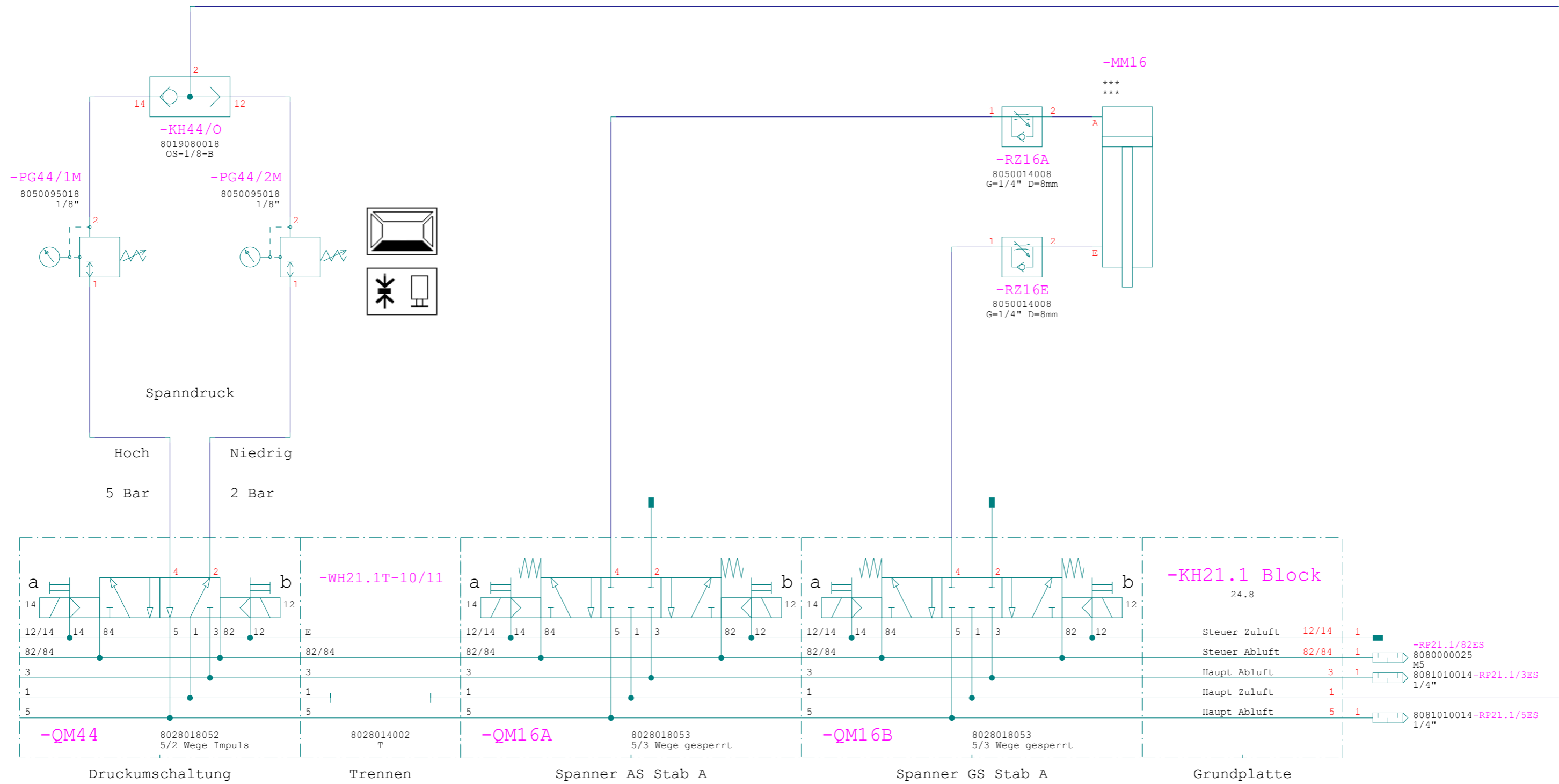


SMH-510-4-64P\_\_5010000002-0020

MNR:

von 45

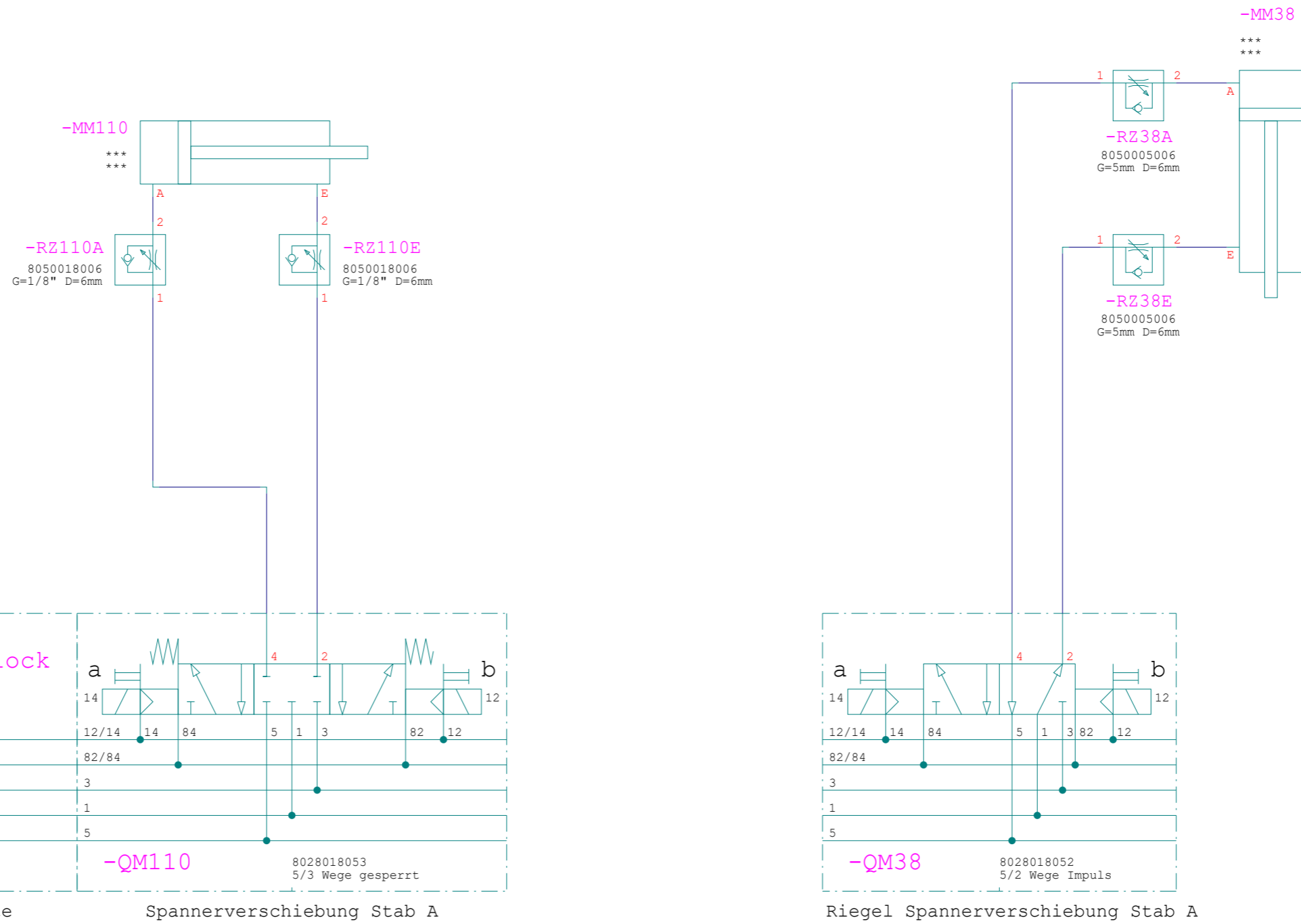
Blatt 28



Aggr. BFE KH21.1 Block

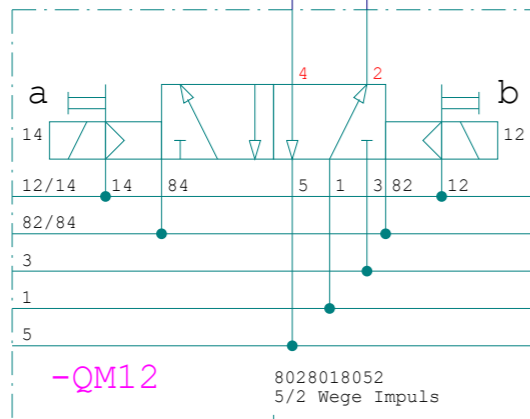
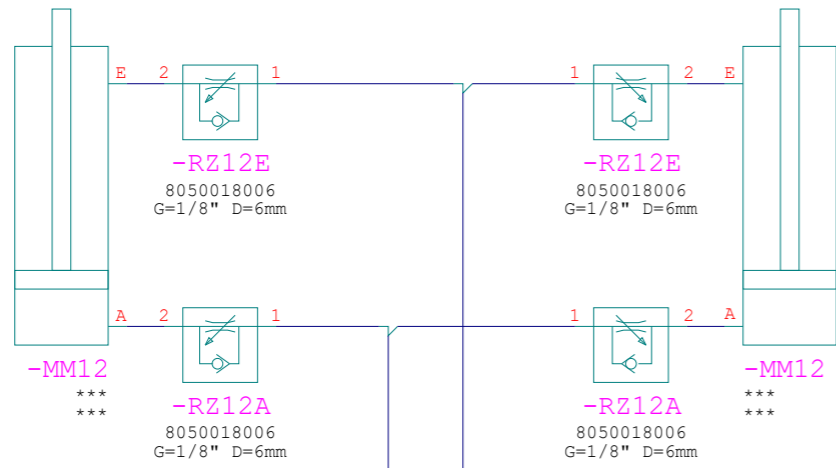
		Datum	07.08.2019	SMH-510-4 Rotox sp.z.o.o.		SMH-510-4-64P__5010000002-0020		=	
		Bearb.	Justus					+	
		Gepr.							
Zust.	Änderung	Datum	Name	Norm	Urspr.	Ers.f	Ers.d	MNR:	von 45 Blatt 29



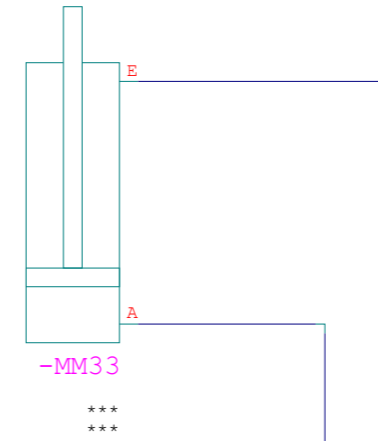


Aggr. BFE KH21.2 Block

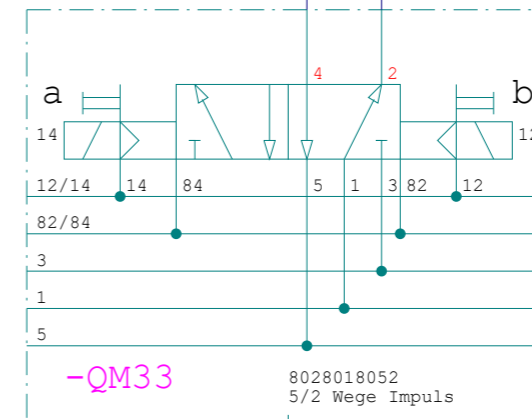
				Datum	07.08.2019	SMH-510-4				SMH-510-4-64P__5010000002-0020		=
				Bearb.	Justus	Rotox sp.z.o.o.		ROTOX®				+
				Gepr.						MNR:		von 45
Zust.	Änderung	Datum	Name	Norm	Urspr.	Ers.f	Ers.d					Blatt 30



Abtransport Ausheber



Höheprofil



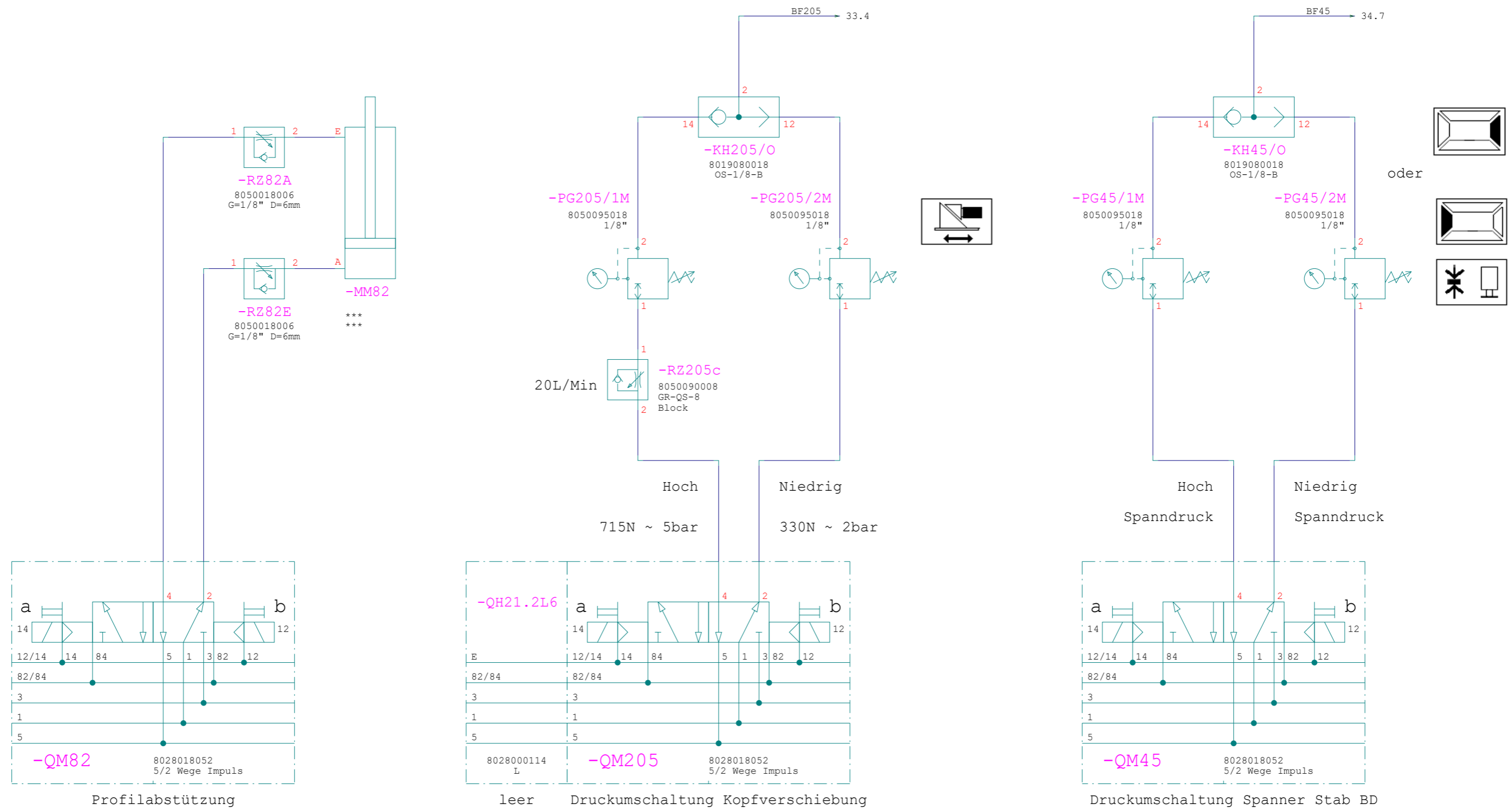
Werkzeuganhebung

Option

Aggr. BFE KH21.2 Block

				Datum	07.08.2019	SMH-510-4							
				Bearb.	Justus	Rotox sp.z.o.o.							
				Gepr.									
Zust.	Änderung	Datum	Name	Norm	Urspr.	Ers.f	Ers.d	SMH-510-4-64P__5010000002-0020		MNR:		=	
												+	
												von 45	Blatt 31



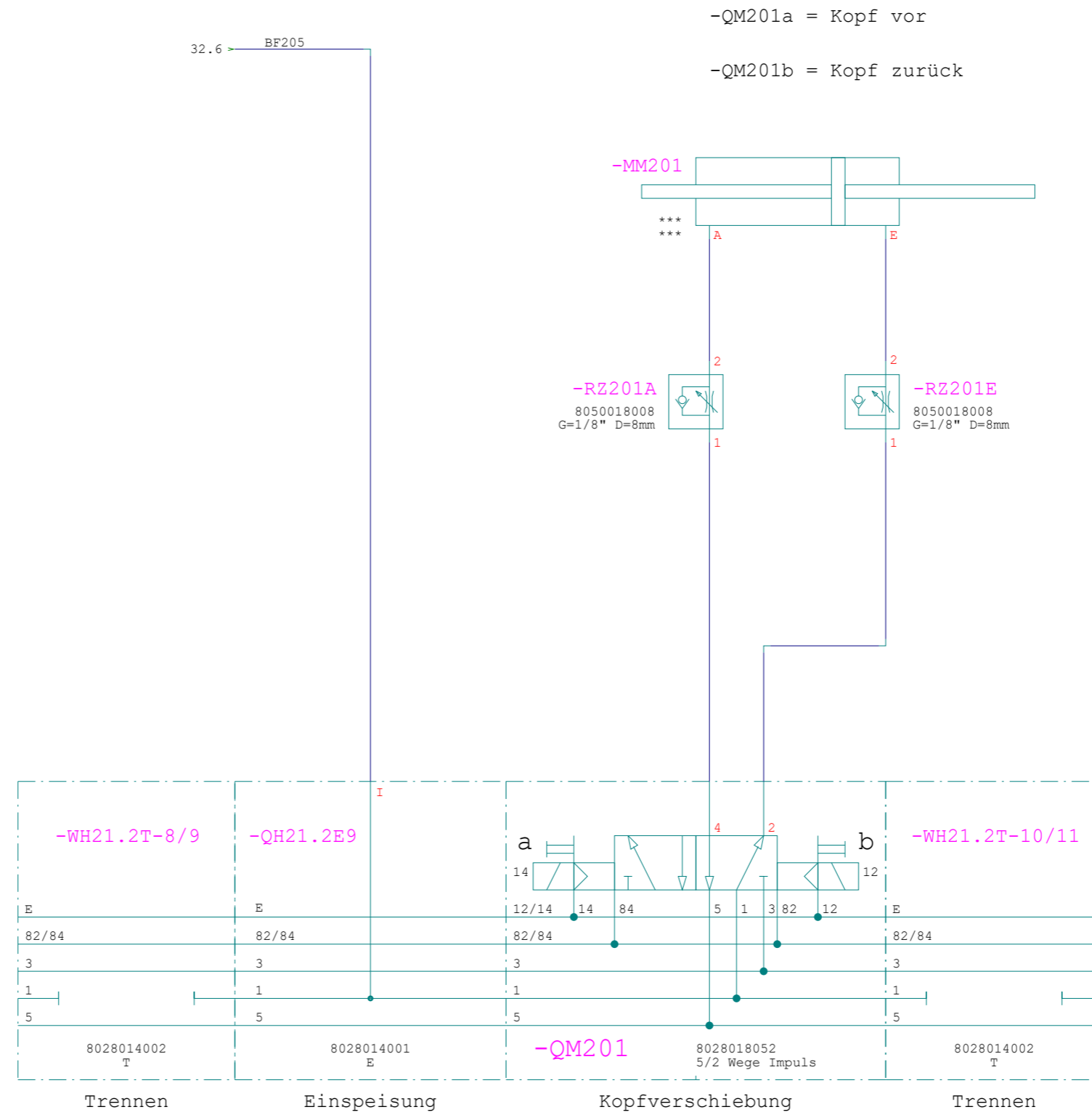


Aggr. BFE KH21.2 Block

Datum		07.08.2019		SMH-510-4		=	
Bearb.		Justus		Rotox sp.z.o.o.		+	
Gepr.							
Zust.	Änderung	Datum	Name	Norm	Urspr.	Ers.f	Ers.d
						MNR:	
						von 45	
						Blatt 32	

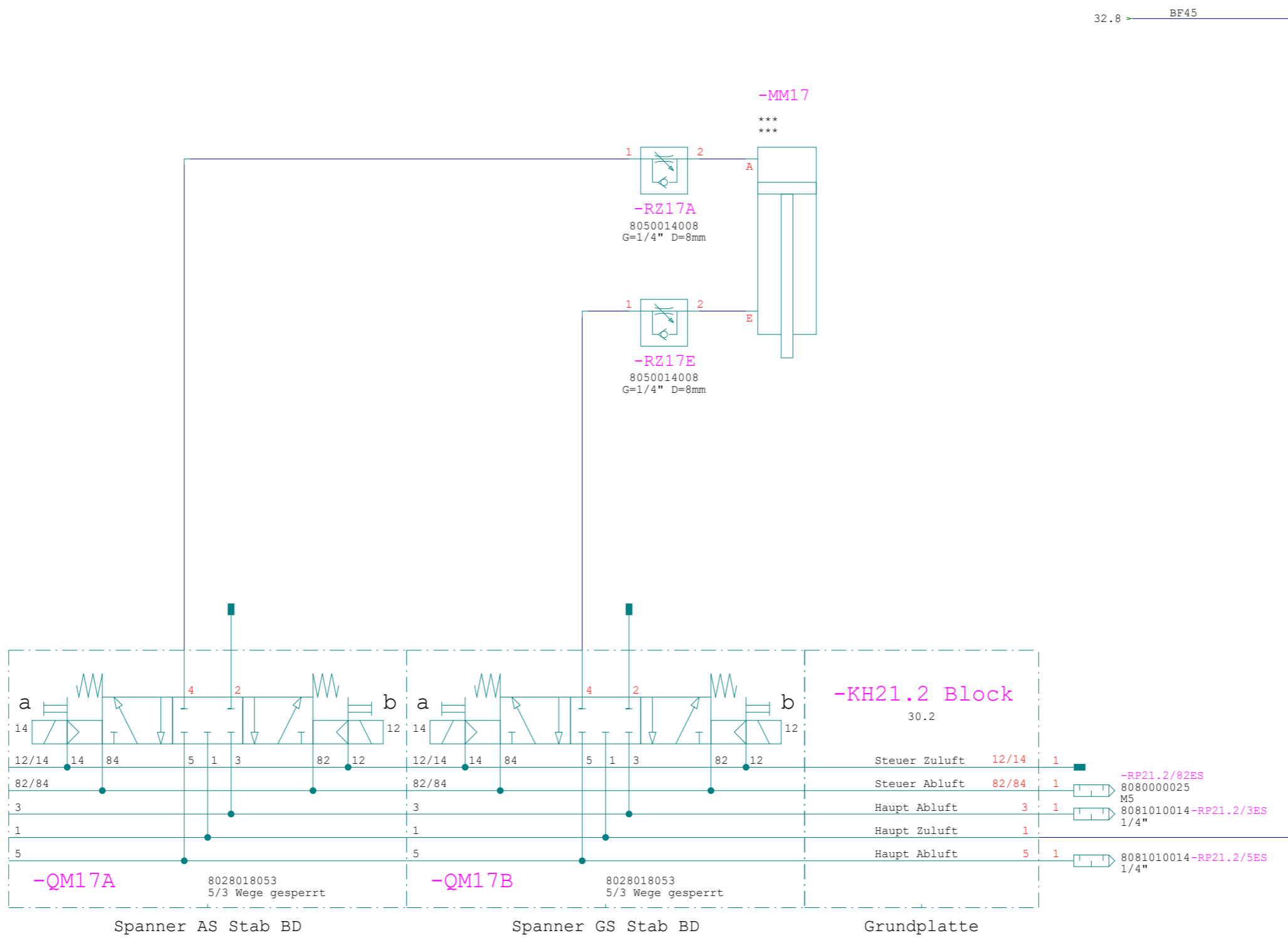


SMH-510-4-64P\_\_5010000002-0020



Aggr. BFE KH21.2 Block

		Datum	07.08.2019	SMH-510-4 Rotox sp.z.o.o.		<b>ROTOX</b>	SMH-510-4-64P__5010000002-0020		=	
		Bearb.	Justus						+	
		Gepr.								
Zust.	Änderung	Datum	Name	Norm	Urspr.	Ers.f	Ers.d	MNR:	von 45	Blatt 33



Aggr. BFE KH21.2 Block

Datum	07.08.2019	SMH-510-4	<b>ROTOX</b>		SMH-510-4-64P__5010000002-0020	=
Bearb.	Justus	Rotox sp.z.o.o.			MNR:	von 45
Gepr.		Urspr.	Ers.f	Ers.d		Blatt 34
Zust.	Änderung	Datum	Name	Norm		

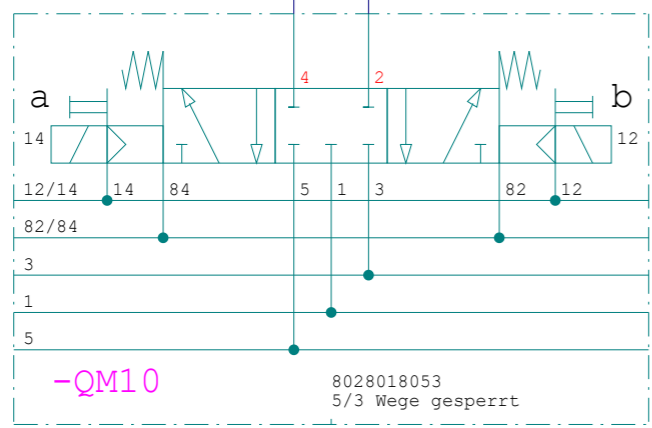
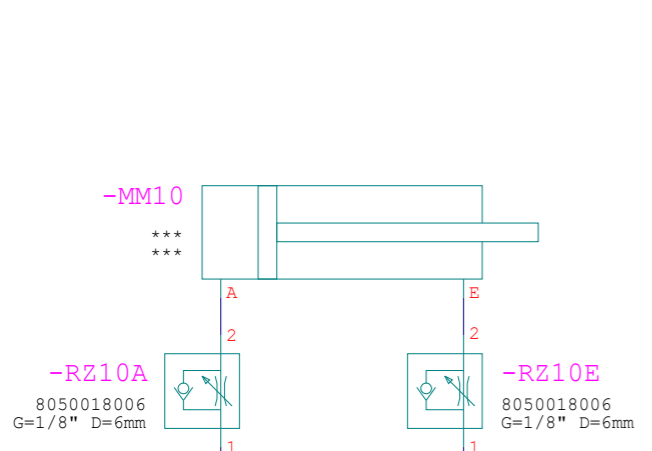


Aggr. BBE KH25.1 Block

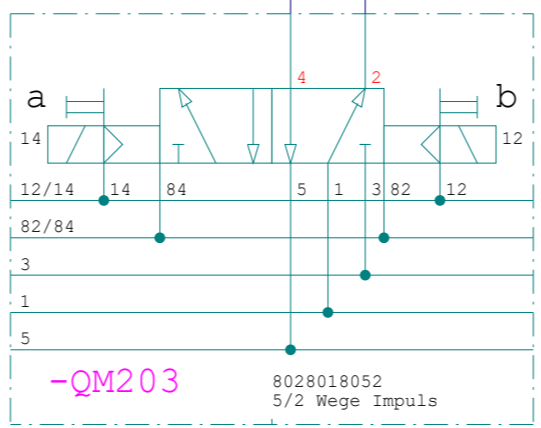
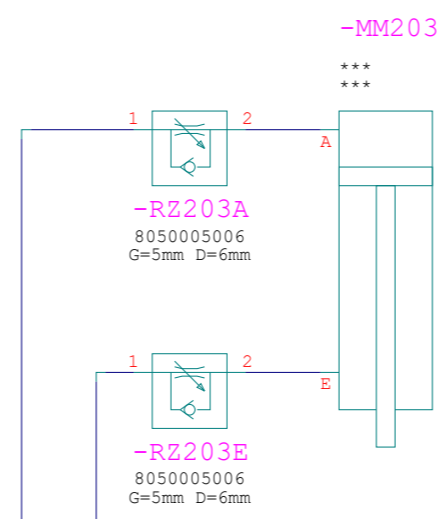
				Datum	07.08.2019	SMH-510-4							
				Bearb.	Justus	Rotox sp.z.o.o.							
				Gepr.									
Zust.	Änderung	Datum	Name	Norm	Urspr.	Ers.f	Ers.d	SMH-510-4-64P__5010000002-0020		MNR:		von 45 Blatt 35	



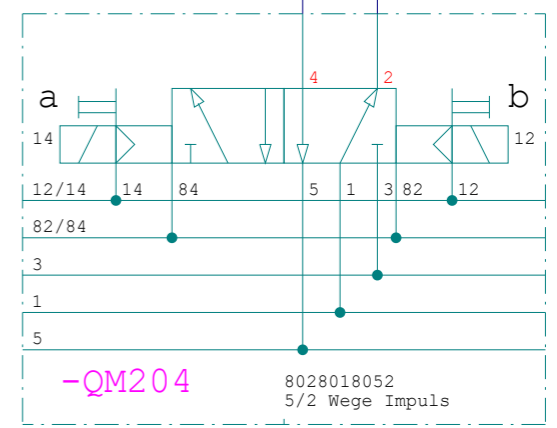
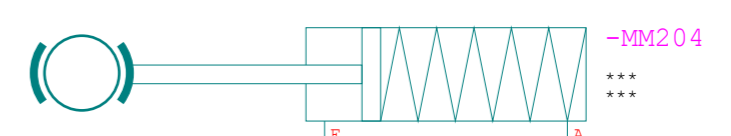




Spannerschiebung Stab BD



Riegel Kopfverschiebung



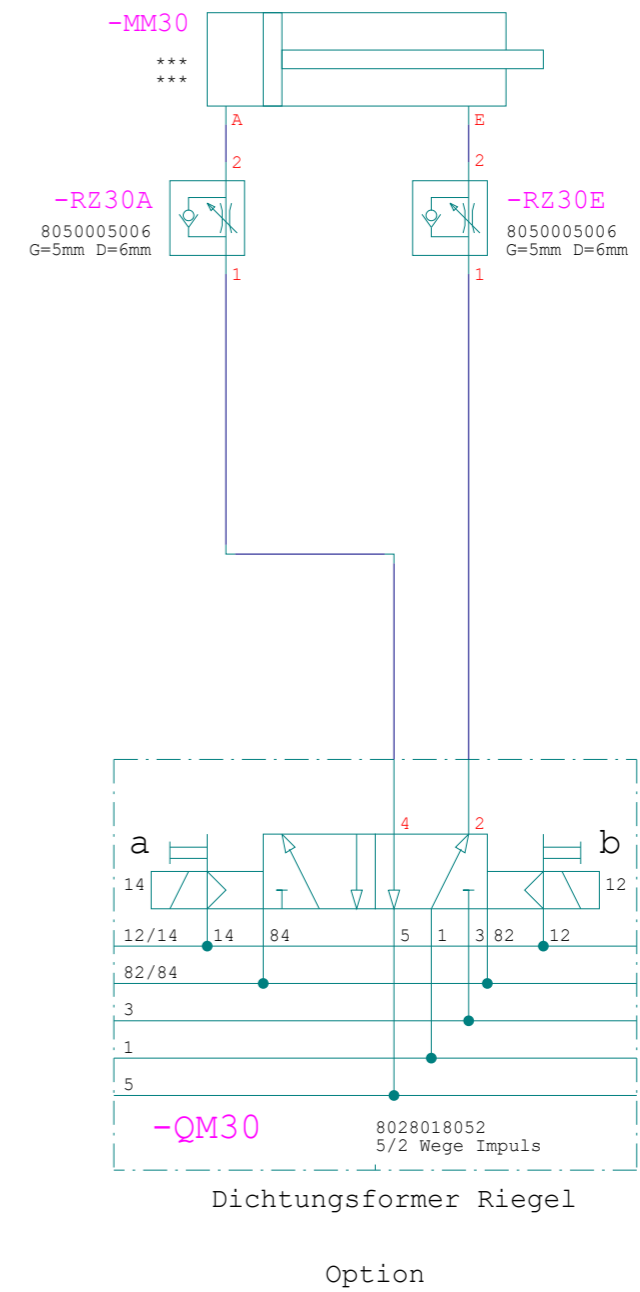
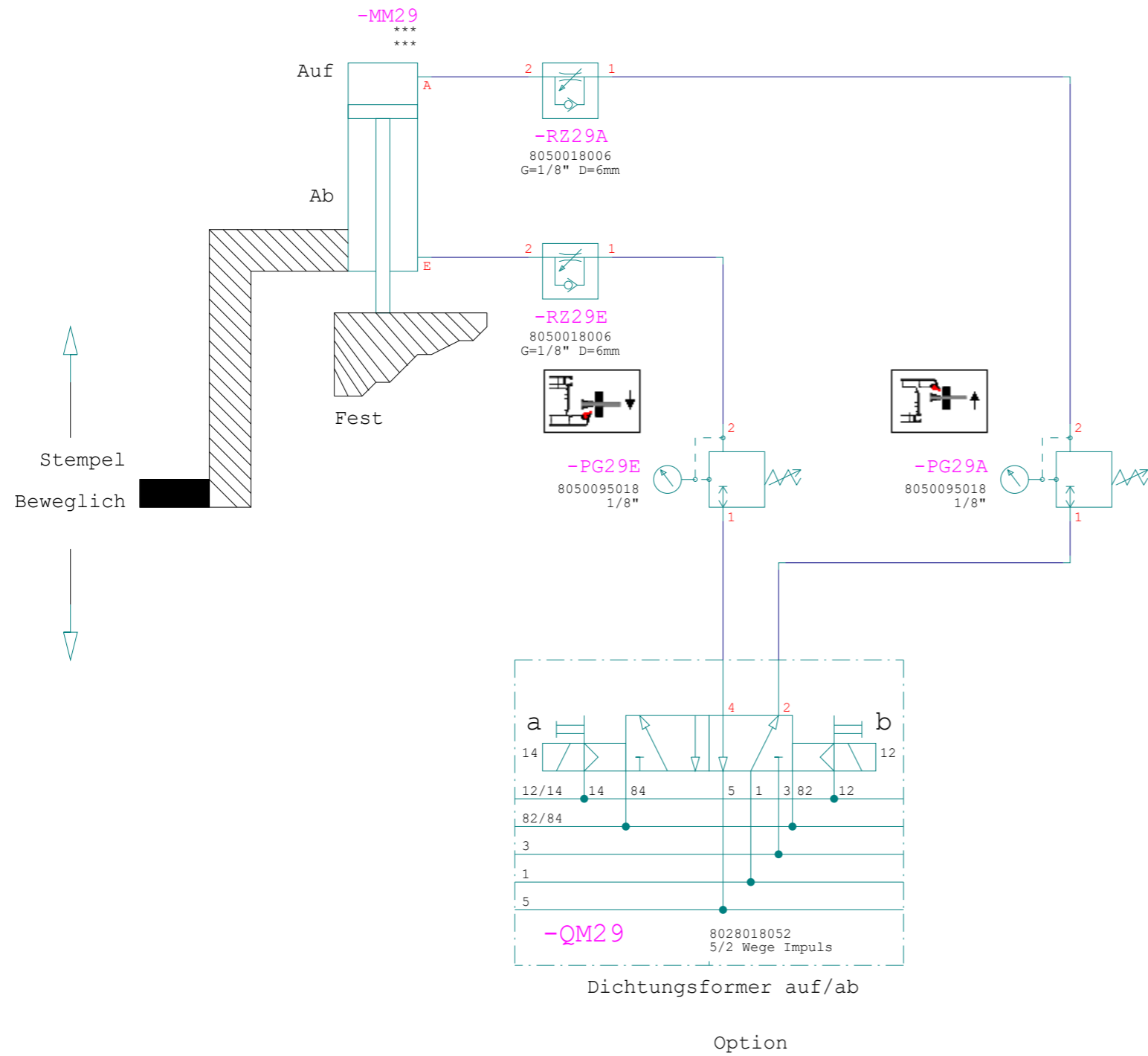
Bremse Kopfverschiebung

Aggr. BBE KH25.1 Block

				Datum	07.08.2019	SMH-510-4							
				Bearb.	Justus	Rotox sp.z.o.o.				SMH-510-4-64P__5010000002-0020			
				Gepr.									
Zust.	Änderung	Datum	Name	Norm	Urspr.	Ers.f	Ers.d			MNR:	von 45	Blatt 37	







Aggr. BBE KH25.1 Block

				Datum	07.08.2019	SMH-510-4 Rotox sp.z.o.o.				=	
				Bearb.	Justus					+	
				Gepr.							
Zust.	Änderung	Datum	Name	Norm	Urspr.	Ers.f	Ers.d	MNR:		von 45	Blatt 38



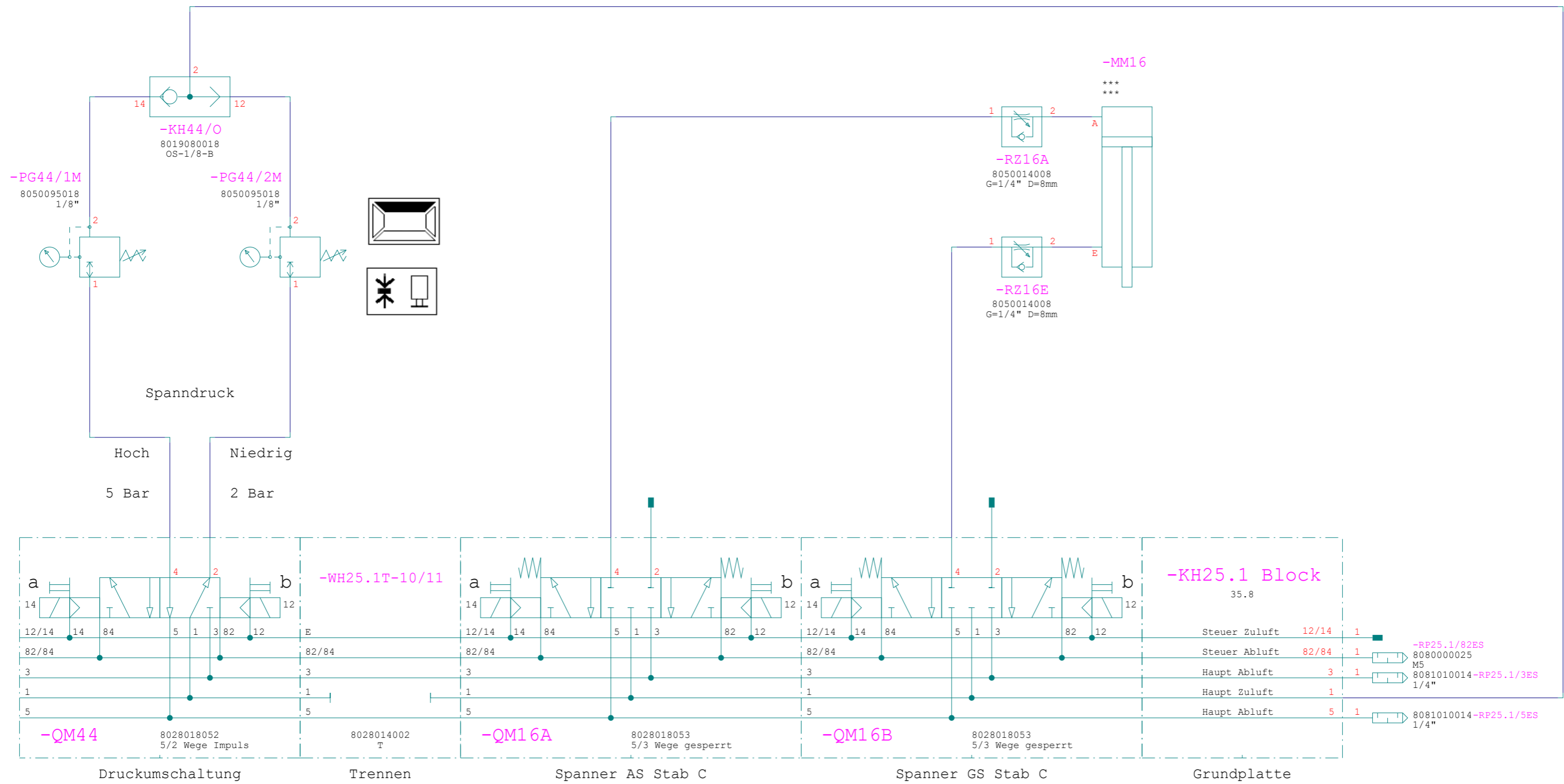
SMH-510-4-64P\_\_5010000002-0020

MNR:

von 45

Blatt 38

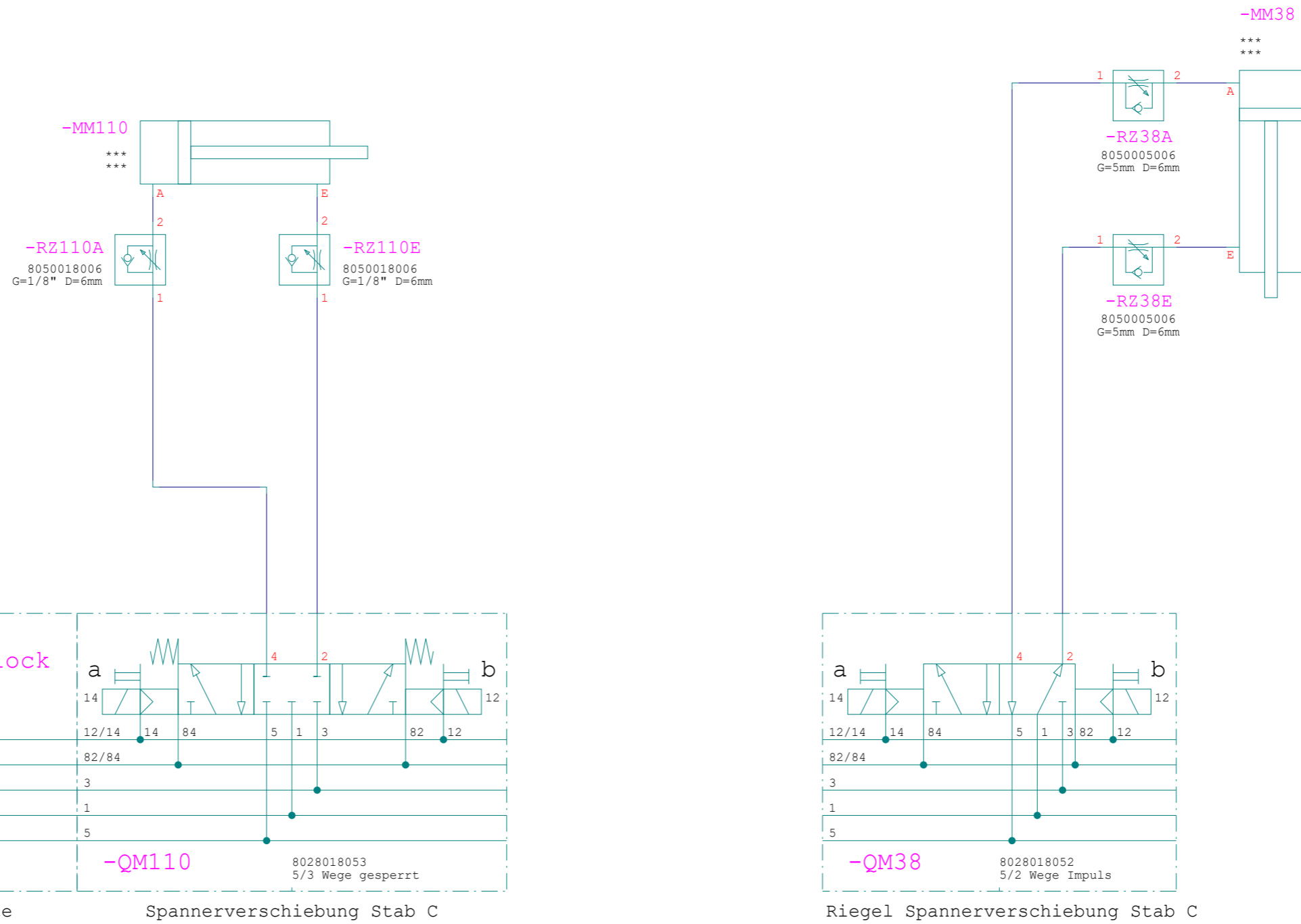




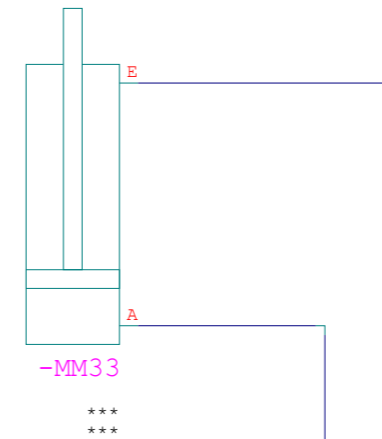
Aggr. BBE KH25.1 Block

		Datum	07.08.2019	SMH-510-4 Rotox sp.z.o.o.		SMH-510-4-64P__5010000002-0020			
		Bearb.	Justus						
		Gepr.							
Zust.	Änderung	Datum	Name	Norm	Urspr.	Ers.f	Ers.d	MNR:	von 45 Blatt 40

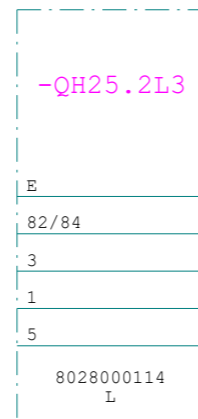




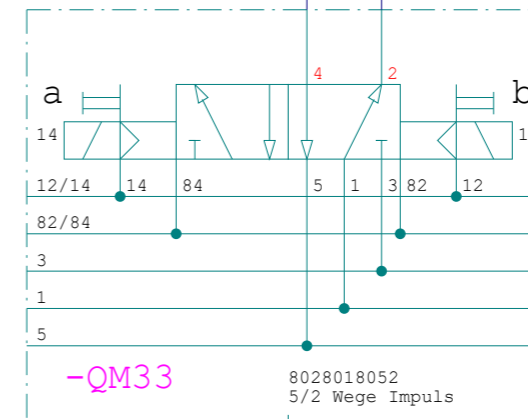
Aggr. BBE KH25.2 Block



Höheprofil



leer



Werkzeuganhebung

Option

Aggr. BBE KH25.2 Block

				Datum	07.08.2019	SMH-510-4							
				Bearb.	Justus	Rotox sp.z.o.o.							
				Gepr.									
Zust.	Änderung	Datum	Name	Norm		Urspr.	Ers.f	Ers.d		MNR:		von 45	Blatt 42



SMH-510-4-64P\_\_5010000002-0020

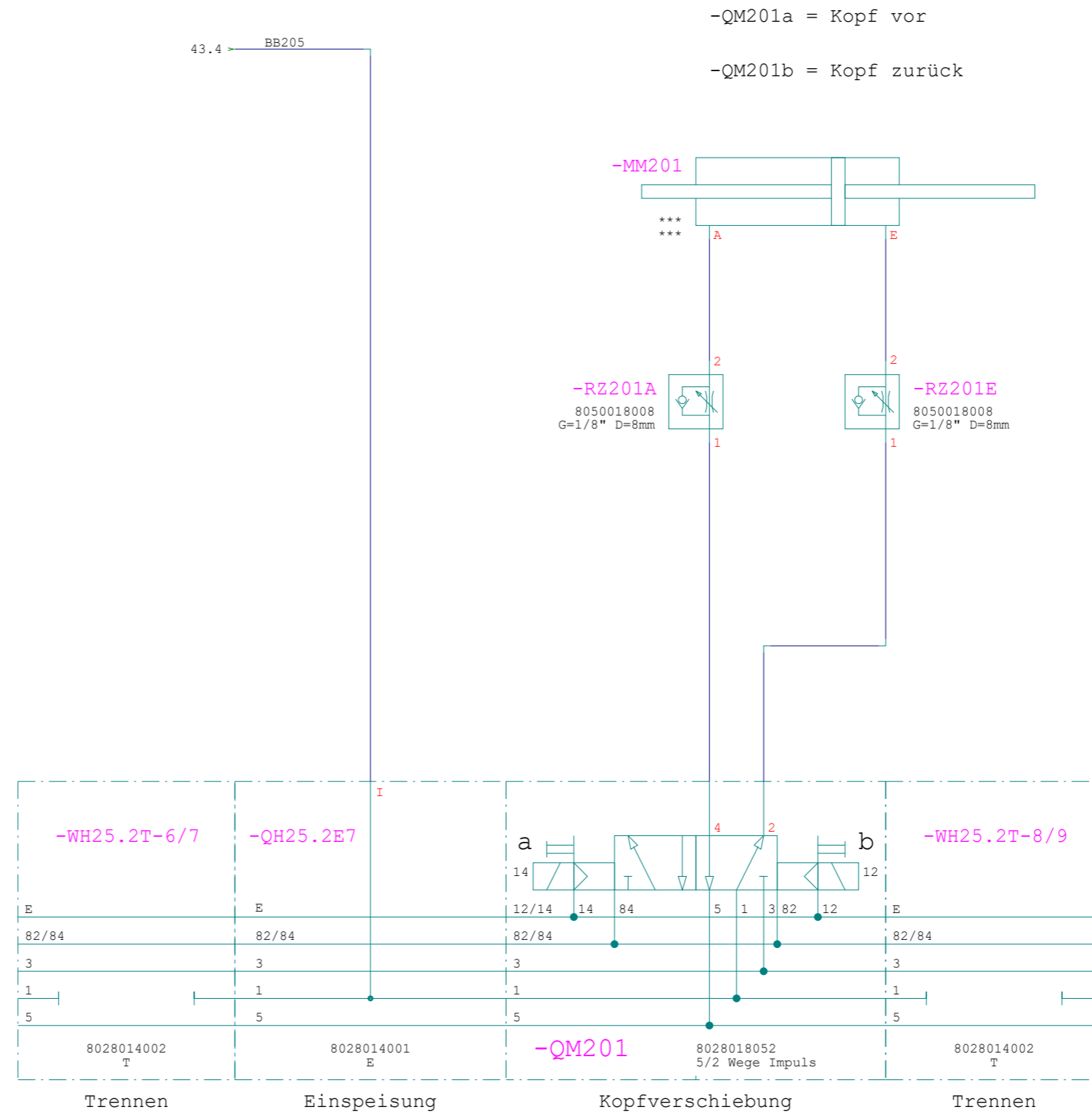
=  
+

MNR:

von 45

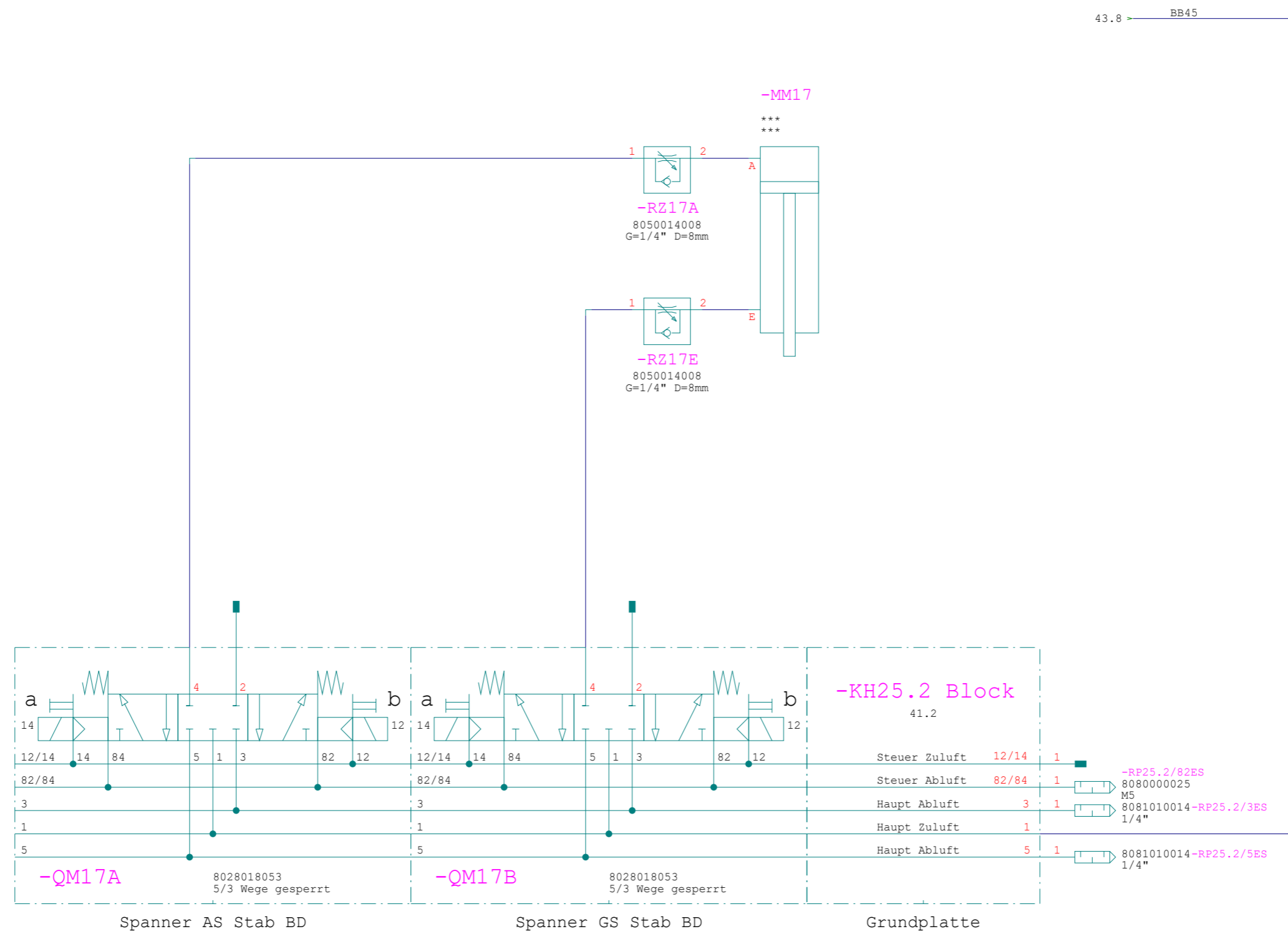
Blatt 42





Aggr. BBE KH25.2 Block

		Datum	07.08.2019	SMH-510-4 Rotox sp.z.o.o.		<b>ROTOX</b>	SMH-510-4-64P__5010000002-0020		=	
		Bearb.	Justus						+	
		Gepr.								
Zust.	Änderung	Datum	Name	Norm	Urspr.	Ers.f	Ers.d	MNR:	von 45	Blatt 44



Aggr. BBE KH25.2 Block

		Datum	07.08.2019	SMH-510-4 Rotox sp.z.o.o.		SMH-510-4-64P__5010000002-0020		=
		Bearb.	Justus					+
		Gepr.						
Zust.	Änderung	Datum	Name	Norm	Urspr.	Ers.f	Ers.d	MNR: von 45 Blatt 45





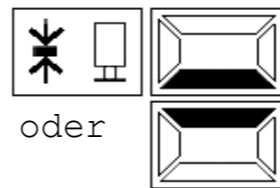
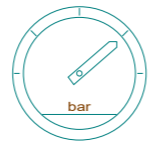




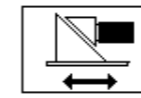
Einbaulage der Manometer

Stab AC  
niedriger Spanndruck

2 bar



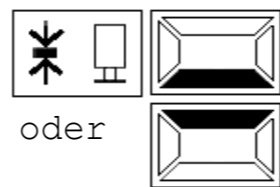
2 bar



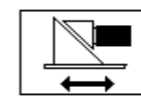
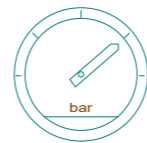
Kopfverschiebung  
niedriger Druck

Stab AC  
hoher Spanndruck

5 bar



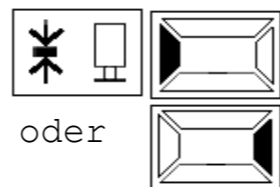
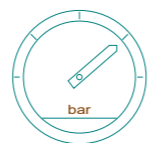
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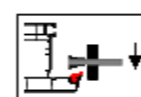
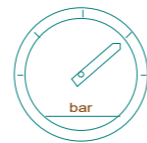
Kopfverschiebung  
hoher Druck

Stab BD  
niedriger Spanndruck

2 bar



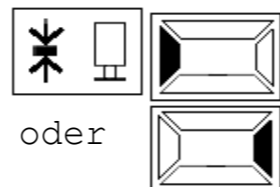
3 bar



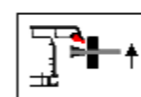
Dichtungsformer ab

Stab BD  
hoher Spanndruck

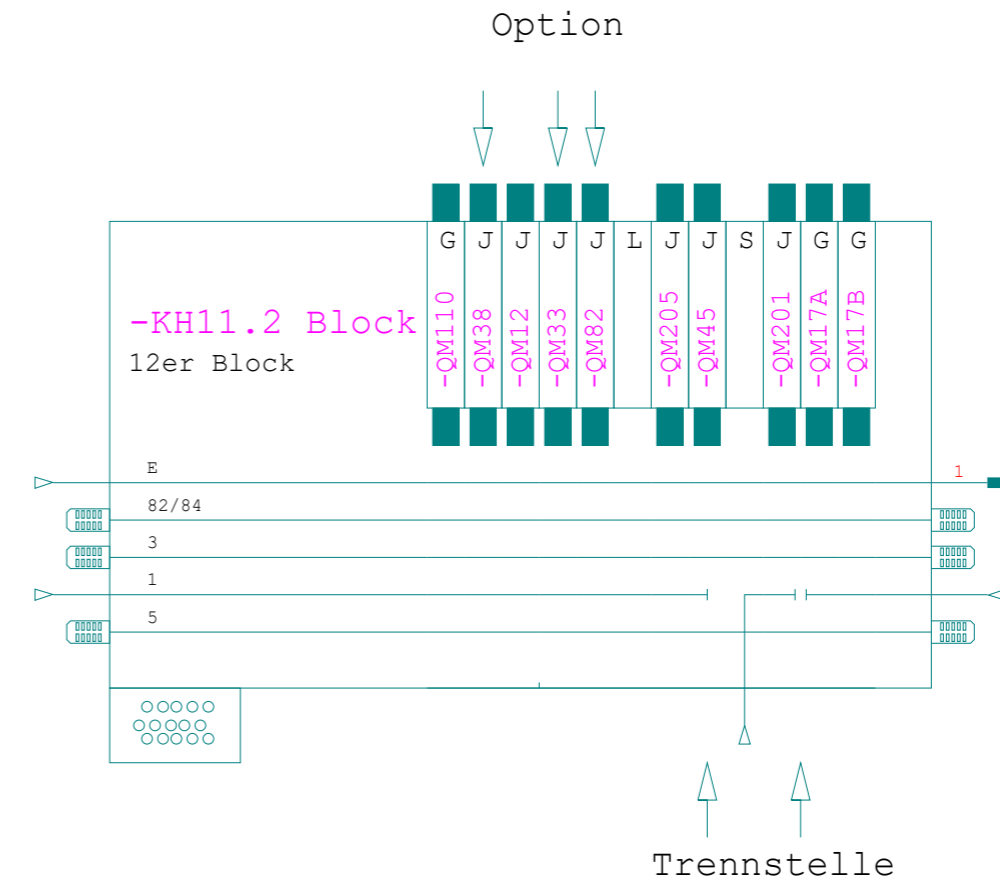
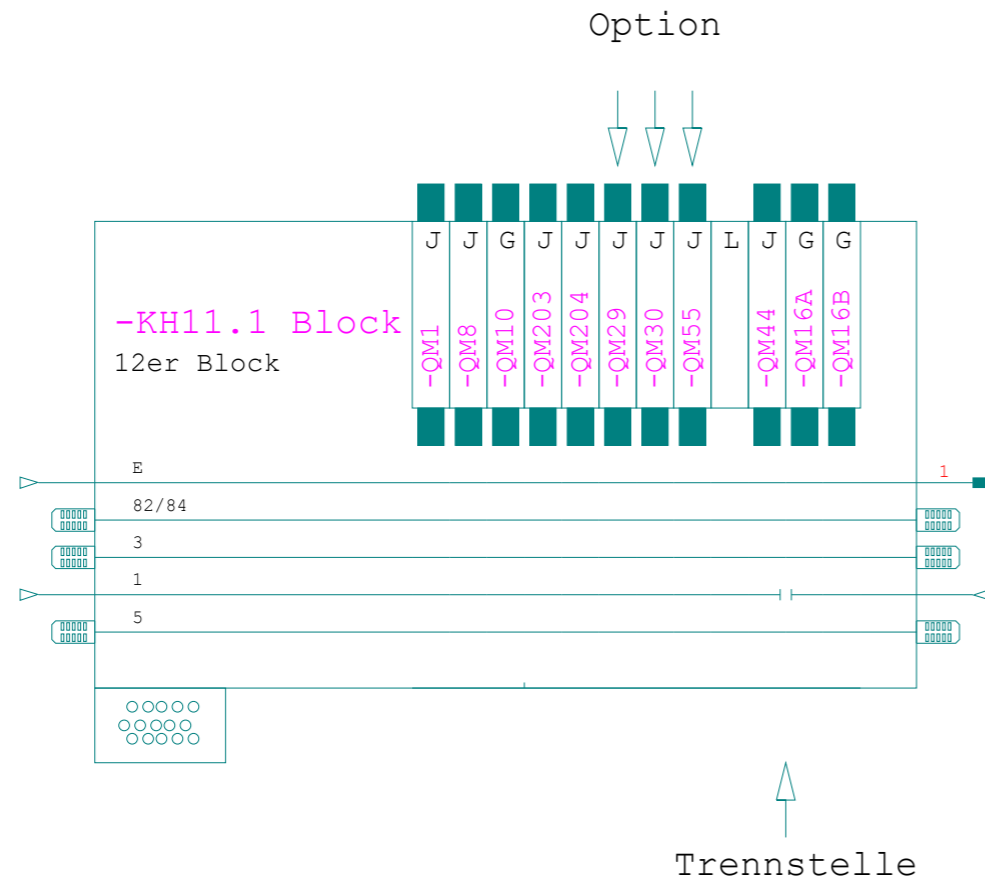
5 bar



3 bar



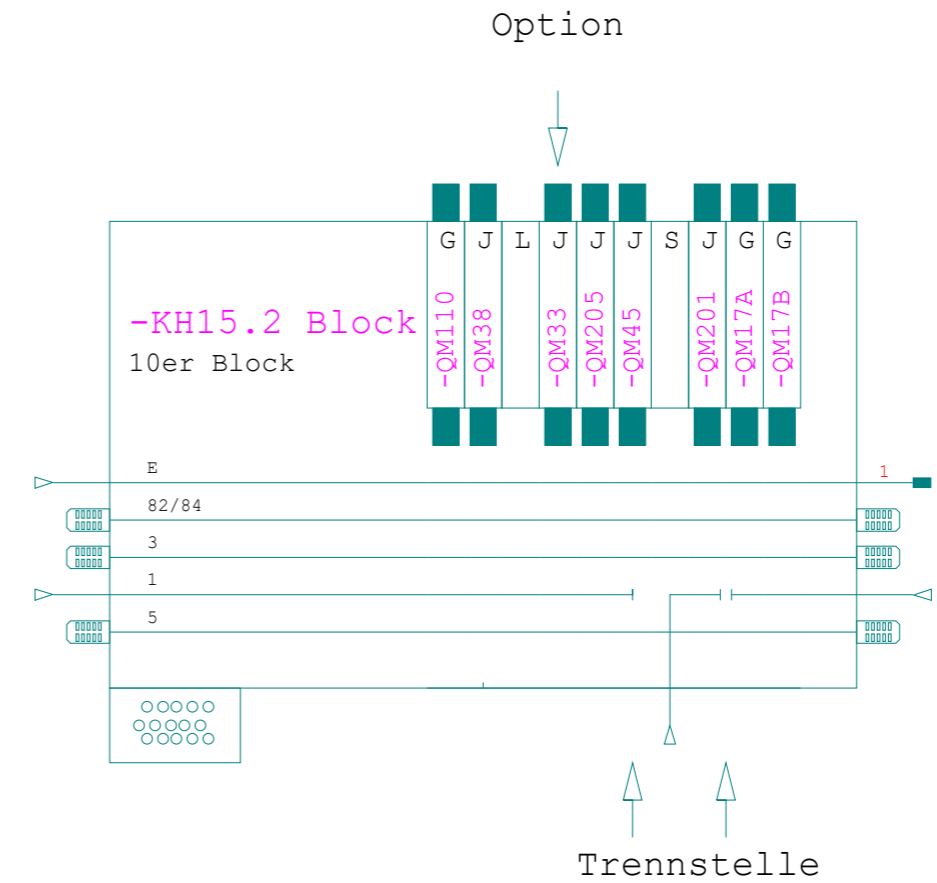
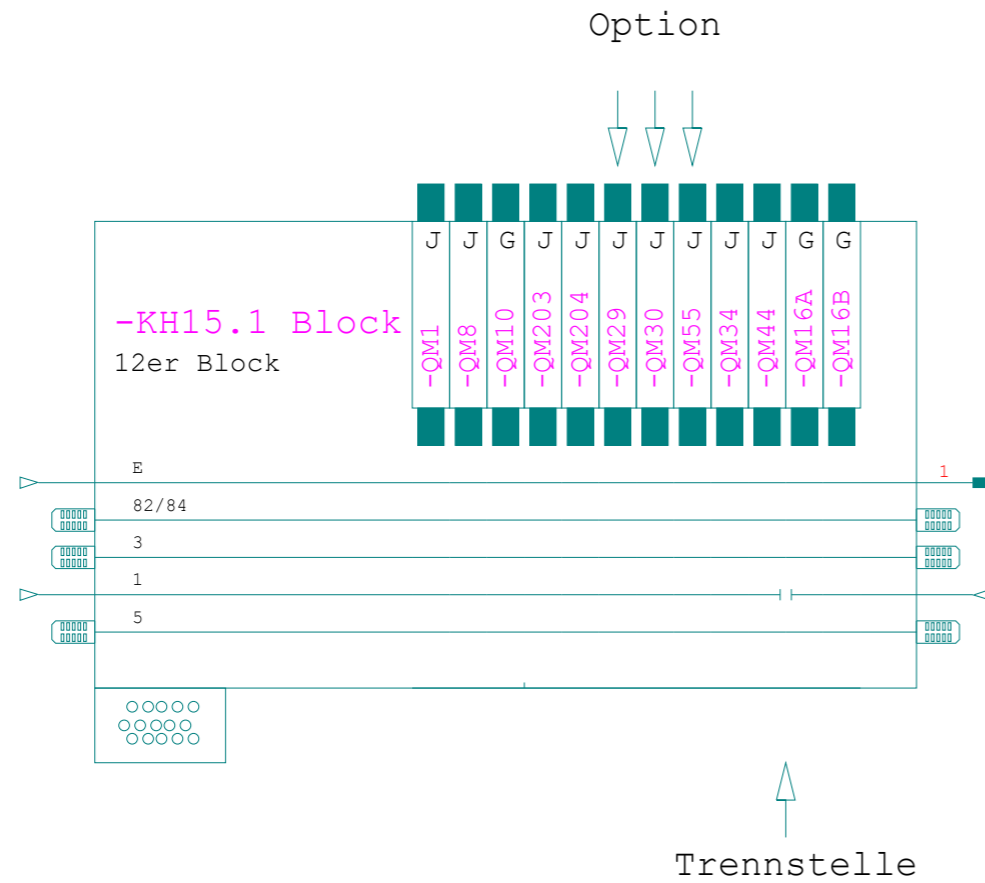
Dichtungsformer auf



L	80 28 000 114	Festo VTUG	VABB-L1-14-T	= Verschußplatte
S	80 28 014 001	Festo VTUG	VABF-L1-14-P3A4-G18-T1	= Versorgungsplatte
A	80 28 118 052	Festo VTUG	VUVG-S14-M52-MZT-G18-1T1L	= 5/2 Wege Vorsteuerluft
K	80 28 018 232	Festo VTUG	VUVG-S14-T32C-AZT-G18-1T1L	= 2x 3/2 Wege Einfach entlüftet Vorsteuerluft
J	80 28 018 052	Festo VTUG	VUVG-S14-B52-ZT-G18-1T1L	= 5/2 Wege Impuls Vorsteuerluft
G	80 28 018 053	Festo VTUG	VUVG-S14-P53C-ZT-G18-1T1L	= 5/3 Wege Mittelstellung gesperrt Vorsteuerluft
E	80 28 118 053	Festo VTUG	VUVG-S14-P53E-ZT-G18-1T1L	= 5/3 Wege Mittelstellung entlüftet Vorsteuerluft
	80 28 014 004	Festo VTUG	VABM-L1-14G-G14-4-GR	= Grundplatte leer 4 Plätze
	80 28 014 006	Festo VTUG	VABM-L1-14G-G14-6-GR	= Grundplatte leer 6 Plätze
	80 28 014 008	Festo VTUG	VABM-L1-14G-G14-8-GR	= Grundplatte leer 8 Plätze
	80 28 014 010	Festo VTUG	VABM-L1-14G-G14-10-GR	= Grundplatte leer 10 Plätze
	80 28 014 012	Festo VTUG	VABM-L1-14G-G14-12-GR	= Grundplatte leer 12 Plätze

### Übersicht Ventilblöcke

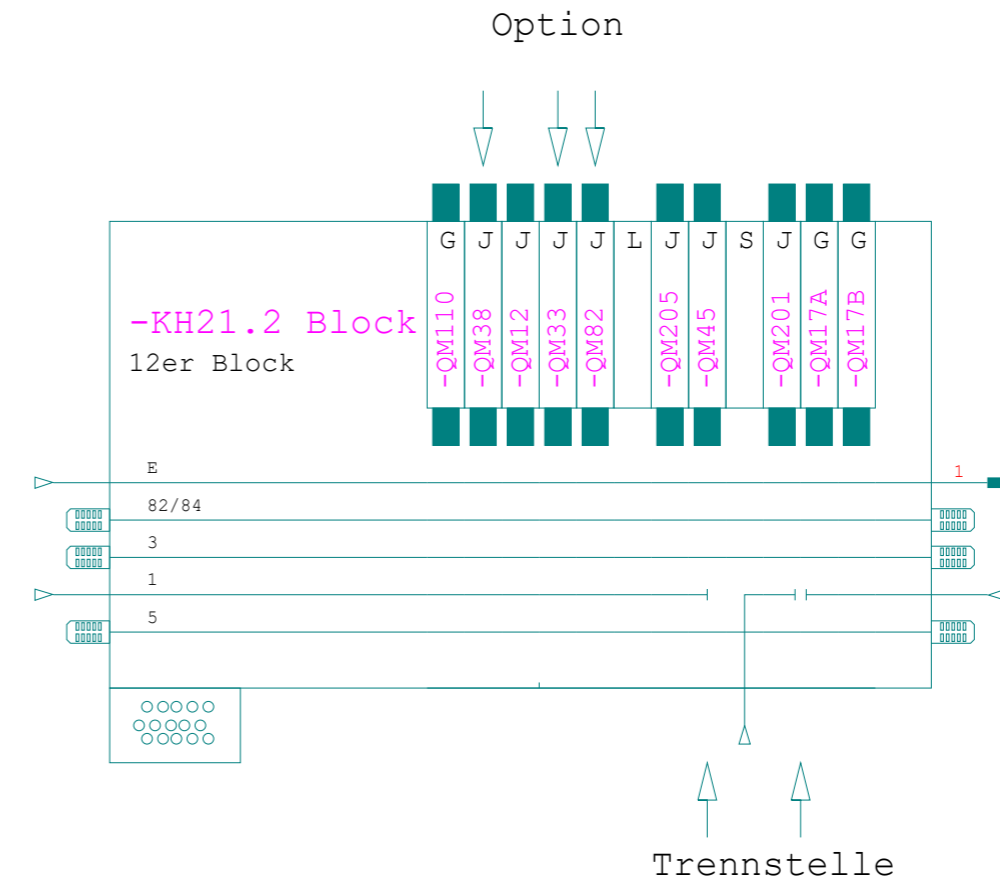
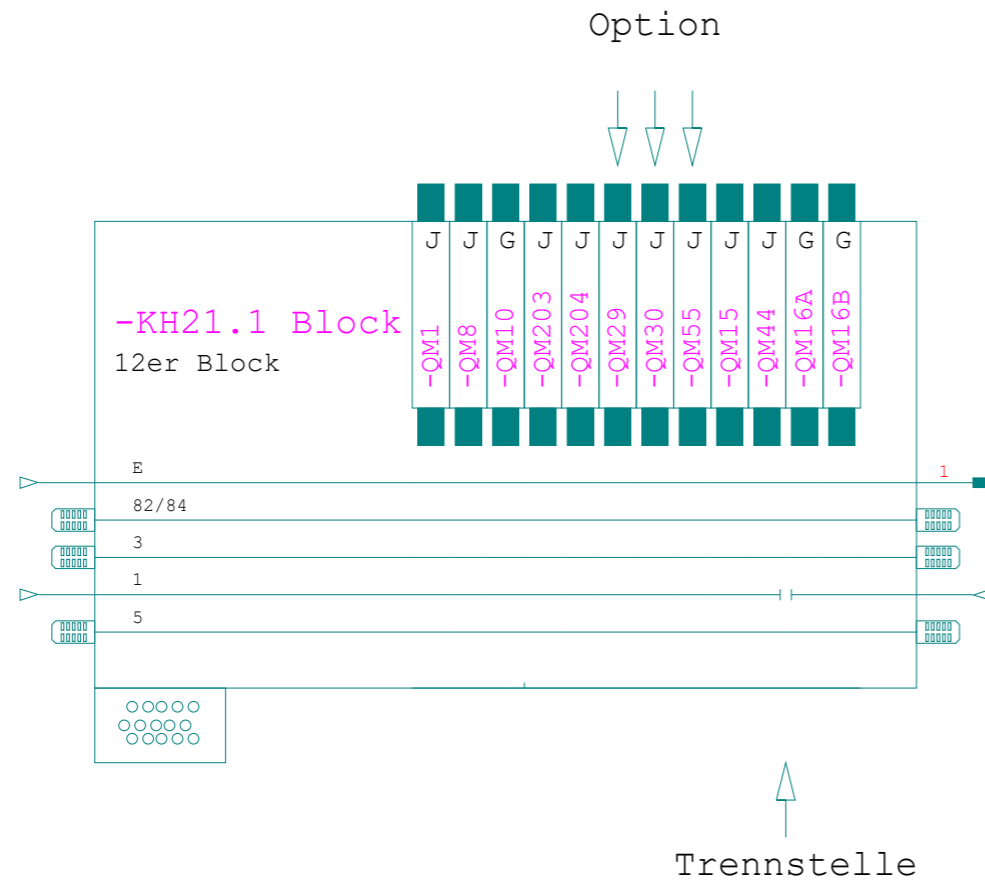
Aggr. FFE



L	80 28 000 114	Festo VTUG	VABB-L1-14-T	= Verschlußplatte
S	80 28 014 001	Festo VTUG	VABF-L1-14-P3A4-G18-T1	= Versorgungsplatte
A	80 28 118 052	Festo VTUG	VUVG-S14-M52-MZT-G18-1T1L	= 5/2 Wege Vorsteuerluft
K	80 28 018 232	Festo VTUG	VUVG-S14-T32C-AZT-G18-1T1L	= 2x 3/2 Wege Einfach entlüftet Vorsteuerluft
J	80 28 018 052	Festo VTUG	VUVG-S14-B52-ZT-G18-1T1L	= 5/2 Wege Impuls Vorsteuerluft
G	80 28 018 053	Festo VTUG	VUVG-S14-P53C-ZT-G18-1T1L	= 5/3 Wege Mittelstellung gesperrt Vorsteuerluft
E	80 28 118 053	Festo VTUG	VUVG-S14-P53E-ZT-G18-1T1L	= 5/3 Wege Mittelstellung entlüftet Vorsteuerluft
80 28 014 004 Festo VTUG VABM-L1-14G-G14-4-GR				= Grundplatte leer 4 Plätze
80 28 014 006 Festo VTUG VABM-L1-14G-G14-6-GR				= Grundplatte leer 6 Plätze
80 28 014 008 Festo VTUG VABM-L1-14G-G14-8-GR				= Grundplatte leer 8 Plätze
80 28 014 010 Festo VTUG VABM-L1-14G-G14-10-GR				= Grundplatte leer 10 Plätze
80 28 014 012 Festo VTUG VABM-L1-14G-G14-12-GR				= Grundplatte leer 12 Plätze

### Übersicht Ventilblöcke

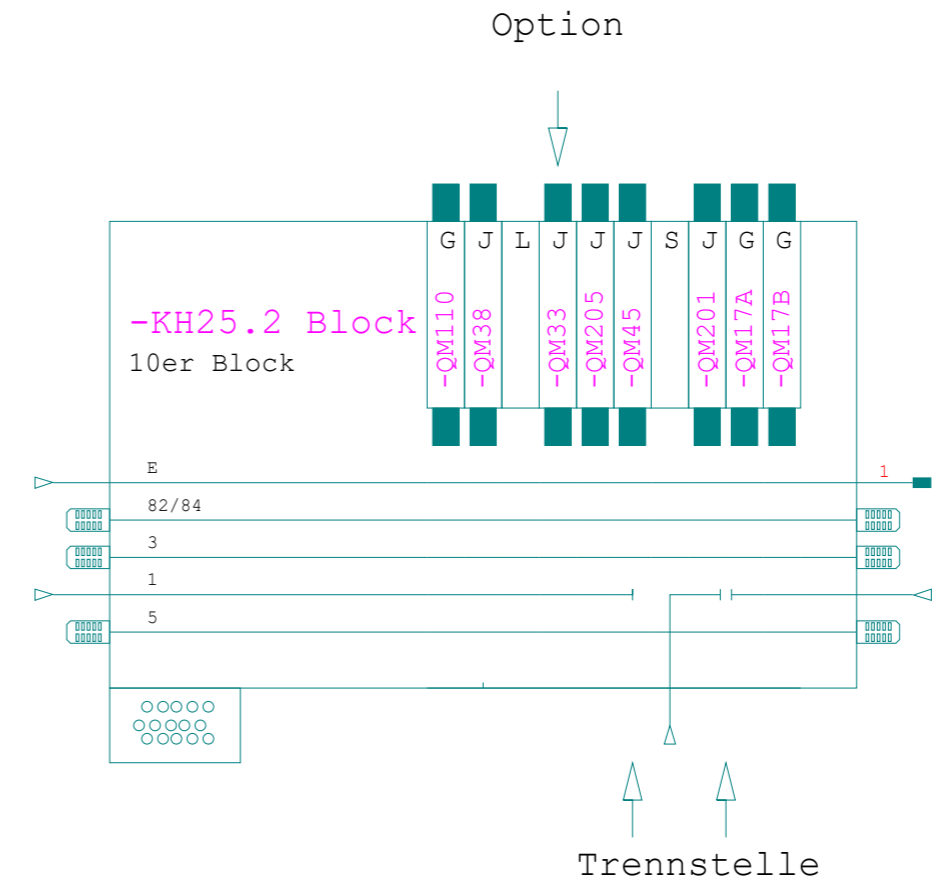
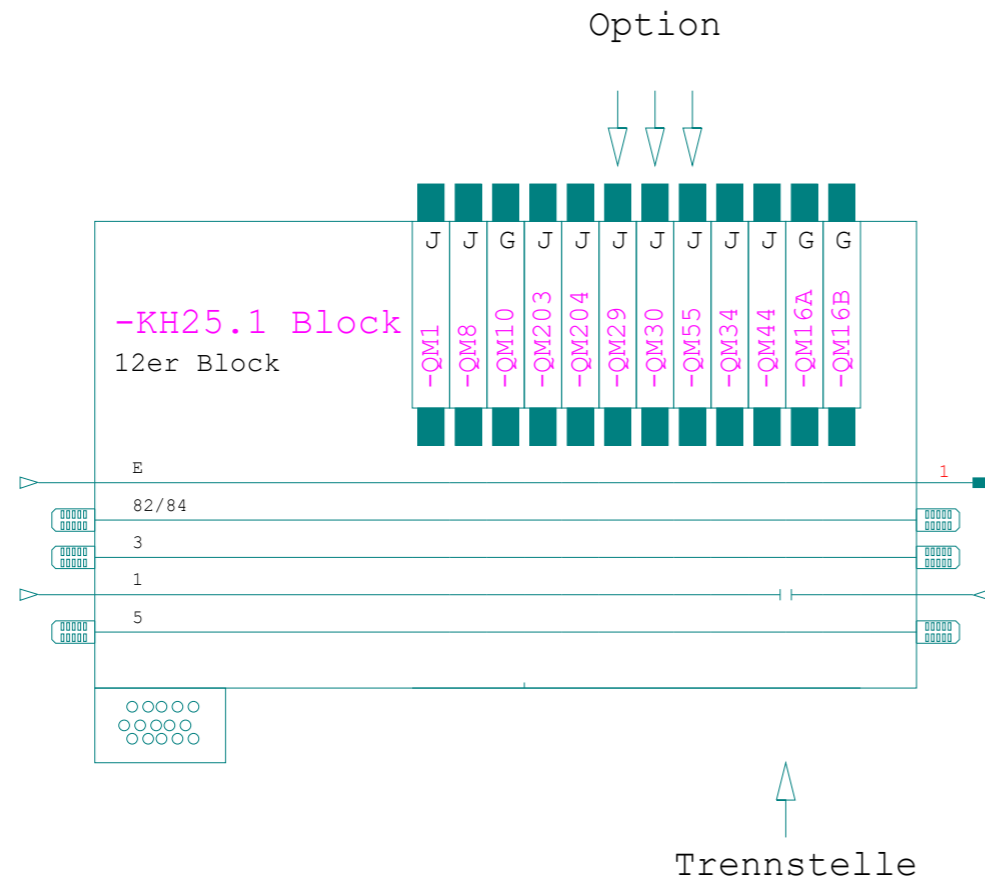
Aggr. FBE



L	80 28 000 114	Festo VTUG	VABB-L1-14-T	= Verschlußplatte
S	80 28 014 001	Festo VTUG	VABF-L1-14-P3A4-G18-T1	= Versorgungsplatte
A	80 28 118 052	Festo VTUG	VUVG-S14-M52-MZT-G18-1T1L	= 5/2 Wege Vorsteuerluft
K	80 28 018 232	Festo VTUG	VUVG-S14-T32C-AZT-G18-1T1L	= 2x 3/2 Wege Einfach entlüftet Vorsteuerluft
J	80 28 018 052	Festo VTUG	VUVG-S14-B52-ZT-G18-1T1L	= 5/2 Wege Impuls Vorsteuerluft
G	80 28 018 053	Festo VTUG	VUVG-S14-P53C-ZT-G18-1T1L	= 5/3 Wege Mittelstellung gesperrt Vorsteuerluft
E	80 28 118 053	Festo VTUG	VUVG-S14-P53E-ZT-G18-1T1L	= 5/3 Wege Mittelstellung entlüftet Vorsteuerluft
	80 28 014 004	Festo VTUG	VABM-L1-14G-G14-4-GR	= Grundplatte leer 4 Plätze
	80 28 014 006	Festo VTUG	VABM-L1-14G-G14-6-GR	= Grundplatte leer 6 Plätze
	80 28 014 008	Festo VTUG	VABM-L1-14G-G14-8-GR	= Grundplatte leer 8 Plätze
	80 28 014 010	Festo VTUG	VABM-L1-14G-G14-10-GR	= Grundplatte leer 10 Plätze
	80 28 014 012	Festo VTUG	VABM-L1-14G-G14-12-GR	= Grundplatte leer 12 Plätze

Übersicht Ventilblöcke

Aggr. BFE



L	80 28 000 114	Festo VTUG	VABB-L1-14-T	= Verschlußplatte
S	80 28 014 001	Festo VTUG	VABF-L1-14-P3A4-G18-T1	= Versorgungsplatte
A	80 28 118 052	Festo VTUG	VUVG-S14-M52-MZT-G18-1T1L	= 5/2 Wege Vorsteuerluft
K	80 28 018 232	Festo VTUG	VUVG-S14-T32C-AZT-G18-1T1L	= 2x 3/2 Wege Einfach entlüftet Vorsteuerluft
J	80 28 018 052	Festo VTUG	VUVG-S14-B52-ZT-G18-1T1L	= 5/2 Wege Impuls Vorsteuerluft
G	80 28 018 053	Festo VTUG	VUVG-S14-P53C-ZT-G18-1T1L	= 5/3 Wege Mittelstellung gesperrt Vorsteuerluft
E	80 28 118 053	Festo VTUG	VUVG-S14-P53E-ZT-G18-1T1L	= 5/3 Wege Mittelstellung entlüftet Vorsteuerluft
80 28 014 004 Festo VTUG VABM-L1-14G-G14-4-GR				= Grundplatte leer 4 Plätze
80 28 014 006 Festo VTUG VABM-L1-14G-G14-6-GR				= Grundplatte leer 6 Plätze
80 28 014 008 Festo VTUG VABM-L1-14G-G14-8-GR				= Grundplatte leer 8 Plätze
80 28 014 010 Festo VTUG VABM-L1-14G-G14-10-GR				= Grundplatte leer 10 Plätze
80 28 014 012 Festo VTUG VABM-L1-14G-G14-12-GR				= Grundplatte leer 12 Plätze

### Übersicht Ventilblöcke

Aggr. BBE