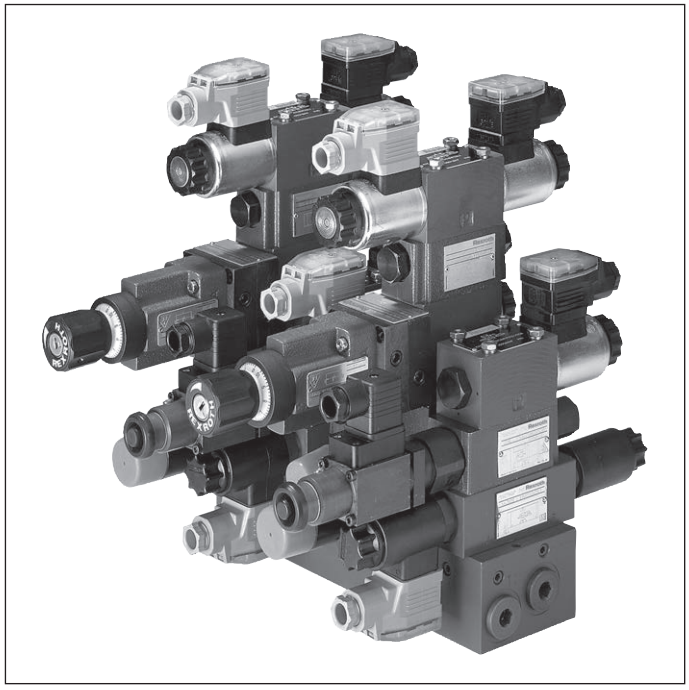
Manifolds

Type HSR 06

RE 48107
Edition: 2018-02
Replaces: 08.15



- Size 6
- Component series 25 and 35
- Maximum operating pressure 315 bar
- 1 ... 10 stations

Features

- Base element for ready-for-connection controls in vertical stacking design
- Compact hydraulic controls
- Common pump line
- Common tank line
- Separate actuator ports of the stations
- Measuring ports in the actuator lines, optional
- Mounting of sandwich plates and valves of size 6

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Ordering code

	01	02	03		04		05	06		07		08
Manifold		**HSR**	**06**	**–**		**/**	**01**					

Number of ready-for-connection controls in vertical stacking design

01	1 control	**1**
	2 controls	**2**
	3 controls	**3**
	4 controls	**4**
	5 controls	**5**
	6 controls	**6**
	7 controls	**7**
	8 controls	**8**
	9 controls	**9**
	10 controls	**10**

02	Manifold	**HSR**

03	Size 6	**06**

Component series

04	Port size: A, B = G3/8; P, T = G1/2	**25**
	With enlarged connection thread; port size: A, B = G1/2; P, T = G3/4	**35**

Connection thread

05	Pipe thread according to ISO 228 Part 1	**01**

Position of actuator ports

06	Lateral	**C**
	Bottom	**D**

Types

07	Standard	**no code**
	With measuring ports in A and B	**SO8** [1]

Coating

08	Phosphate coating DIN EN 12476	**PHOSPHATED** [2]
	Galvanic coating DIN 50979	**FE//ZN8//CN/T0**

[1] Not possible with component series 25 with lateral actuator ports

[2] Standard version (manganese or zinc phosphate coating)

Description

- Manifolds are the base element for ready-for-connection controls in vertical stacking design
- Manifolds of NG6 are available with 1 to 10 stations
- On each station, highly compact hydraulic controls can be built using vertically stackable sandwich plate valves in connection with on/off or proportional servo valves of NG6
- All stations have a common pump and tank port
- Ports P and T are led through the two front sides of the manifold
- Every station is equipped with separate actuator ports A and B
- Actuator ports are optionally located at the bottom or laterally
- Another option are measuring ports in the actuator ports A and B

Standard program including preferred types: HSR 06

Measuring port	Number of mounting positions	Port size A, B	Porting pattern A, B	Port size P, T	Type key Manifold ...	Material no.	Weight in kg	MKZ [1]
without	1	G3/8	lateral	G1/2	1HSR06-25/01C PHOSPHATED	R900815077	1.9	A2
	2	G3/8	lateral	G1/2	2HSR06-25/01C PHOSPHATED	R900172220	4.3	A2
			bottom		2HSR06-25/01D PHOSPHATED	R900172199	3.8	A2
		G1/2	lateral	G3/4	2HSR06-35/01C PHOSPHATED	R900170948	7.7	A2
			bottom		2HSR06-35/01D PHOSPHATED	R900170955	7.0	A2
	3	G3/8	lateral	G1/2	3HSR06-25/01C PHOSPHATED	R900172221	6.2	A2
			bottom		3HSR06-25/01D PHOSPHATED	R900172200	5.6	A2
		G1/2	lateral	G3/4	3HSR06-35/01C PHOSPHATED	R900170949	9.5	A2
			bottom		3HSR06-35/01D PHOSPHATED	R900170956	10.2	A2
	4	G3/8	lateral	G1/2	4HSR06-25/01C PHOSPHATED	R900172222	6.5	A2
			bottom		4HSR06-25/01D PHOSPHATED	R900172201	8.6	A2
		G1/2	lateral	G3/4	4HSR06-35/01C PHOSPHATED	R900170950	12.5	A2
			bottom		4HSR06-35/01D PHOSPHATED	R900170957	13.3	A2
	5	G3/8	lateral	G1/2	5HSR06-25/01C PHOSPHATED	R900172223	10.0	A2
			bottom		5HSR06-25/01D PHOSPHATED	R900172202	9.0	A2
		G1/2	lateral	G3/4	5HSR06-35/01C PHOSPHATED	R900170951	18.2	A2
			bottom		5HSR06-35/01D PHOSPHATED	R900170958	16.5	A3
	6	G3/8	lateral	G1/2	6HSR06-25/01C PHOSPHATED	R900172224	11.9	A2
			bottom		6HSR06-25/01D PHOSPHATED	R900172203	10.7	A2
		G1/2	lateral	G3/4	6HSR06-35/01C PHOSPHATED	R900170952	18.5	A2
			bottom		6HSR06-35/01D PHOSPHATED	R900170959	19.7	A3
	7	G3/8	lateral	G1/2	7HSR06-25/01C PHOSPHATED	R900172225	11.7	A2
			bottom		7HSR06-25/01D PHOSPHATED	R900172204	12.6	A2
		G1/2	lateral	G3/4	7HSR06-35/01C PHOSPHATED	R900170953	25.2	A3
			bottom		7HSR06-35/01D PHOSPHATED	R900170960	19.7	A3
	8	G3/8	lateral	G1/2	8HSR06-25/01C PHOSPHATED	R900172226	13.3	A2
			bottom		8HSR06-25/01D PHOSPHATED	R900172205	14.2	A2
		G1/2	lateral	G3/4	8HSR06-35/01C PHOSPHATED	R900170954	28.7	A3
			bottom		8HSR06-35/01D PHOSPHATED	R900170961	22.6	A3
	9	G3/8	lateral	G1/2	9HSR06-25/01C PHOSPHATED	R900809778	15.0	A3
			bottom		9HSR06-25/01D PHOSPHATED	R900808525	16.0	A2
		G1/2	lateral	G3/4	9HSR06-35/01C PHOSPHATED	R901406286	27.3	A3
			bottom		9HSR06-35/01D PHOSPHATED	R901406292	23.4	A3
	10	G3/8	lateral	G1/2	10HSR06-25/01C PHOSPHATED	R900804259	19.6	A2
			bottom		10HSR06-25/01D PHOSPHATED	R900800927	17.9	A2
		G1/2	lateral	G3/4	10HSR06-35/01C PHOSPHATED	R901406287	35.8	A3
			bottom		10HSR06-35/01D PHOSPHATED	R901406293	28.2	A3

[1] Material mark: A2 = preferred; A3 = standard

Order example for a manifold with galvanic coating:
Manifold 9HSR 06 -35/01C FE//ZN8//CN/T0

Standard program including preferred types: HSR 06...SO08

Measuring port	Number of mounting positions	Port size A, B	Porting pattern A, B	Port size P, T	Type key Manifold ...	Material no.	Weight in kg	MKZ [1]
with	1	G3/8	bottom	G1/2	1HSR06-25/01D SO8 PHOSPHATED	R900815078	2.5	A2
		G1/2	lateral	G3/4	1HSR06-35/01C SO8 PHOSPHATED	R900815079	3.7	A2
			bottom		1HSR06-35/01D SO8 PHOSPHATED	R901406296	3.3	A3
	2	G3/8	bottom	G1/2	2HSR06-25/01D SO8 PHOSPHATED	R900644674	3.7	A2
		G1/2	lateral	G3/4	2HSR06-35/01C SO8 PHOSPHATED	R900194952	6.3	A2
			bottom		2HSR06-35/01D SO8 PHOSPHATED	R900188031	7.0	A2
	3	G3/8	bottom	G1/2	3HSR06-25/01D SO8 PHOSPHATED	R900644675	5.3	A2
		G1/2	lateral	G3/4	3HSR06-35/01C SO8 PHOSPHATED	R900194953	11.2	A2
			bottom		3HSR06-35/01D SO8 PHOSPHATED	R900188032	10.2	A2
	4	G3/8	bottom	G1/2	4HSR06-25/01D SO8 PHOSPHATED	R900644676	7.1	A2
		G1/2	lateral	G3/4	4HSR06-35/01C SO8 PHOSPHATED	R900194954	12.4	A2
			bottom		4HSR06-35/01D SO8 PHOSPHATED	R900188033	11.2	A2
	5	G3/8	bottom	G1/2	5HSR06-25/01D SO8 PHOSPHATED	R900644677	8.8	A2
		G1/2	lateral	G3/4	5HSR06-35/01C SO8 PHOSPHATED	R900194955	18.2	A2
			bottom		5HSR06-35/01D SO8 PHOSPHATED	R900188034	16.5	A2
	6	G3/8	bottom	G1/2	6HSR06-25/01D SO8 PHOSPHATED	R900644678	12.7	A2
		G1/2	lateral	G3/4	6HSR06-35/01C SO8 PHOSPHATED	R900194956	21.7	A2
			bottom		6HSR06-35/01D SO8 PHOSPHATED	R900188035	16.7	A2
	7	G3/8	bottom	G1/2	7HSR06-25/01D SO8 PHOSPHATED	R900644679	12.2	A3
		G1/2	lateral	G3/4	7HSR06-35/01C SO8 PHOSPHATED	R900188615	21.3	A3
			bottom		7HSR06-35/01D SO8 PHOSPHATED	R900188036	22.9	A3
	8	G3/8	bottom	G1/2	8HSR06-25/01D SO8 PHOSPHATED	R900644680	13.8	A2
		G1/2	lateral	G3/4	8HSR06-35/01C SO8 PHOSPHATED	R901406288	24.3	A3
			bottom		8HSR06-35/01D SO8 PHOSPHATED	R900188037	21.6	A3
	9	G3/8	bottom	G1/2	9HSR06-25/01D SO8 PHOSPHATED	R901406279	15.7	A3
		G1/2	lateral	G3/4	9HSR06-35/01C SO8 PHOSPHATED	R901406290	27.1	A3
			bottom		9HSR06-35/01D SO8 PHOSPHATED	R901406297	37.0	A3
	10	G3/8	bottom	G1/2	10HSR06-25/01D SO8 PHOSPHATED	R900811950	17.2	A3
		G1/2	lateral	G3/4	10HSR06-35/01C SO8 PHOSPHATED	R901406291	30.5	A3
			bottom		10HSR06-35/01D SO8 PHOSPHATED	R901406298	32.5	A3

[1] Material mark: A2 = preferred; A3 = standard

Order example for a manifold with galvanic coating:
Manifold 9HSR 06 -35/01CSO8FE//ZN8//CN/T0

Technical data
(For applications outside these parameters, please consult us!)

General		
Size		6
Material		GGG40
Surface coating		Standard coating: Phosphate coating [1] according to DIN EN 12476 with after-treatment (greases, oils, lubricants)
Maximum operating pressure [2]	bar	315

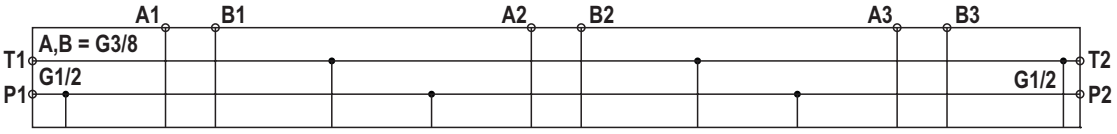
[1] Manganese or zinc phosphate coating

[2] Manifold without valve fitting

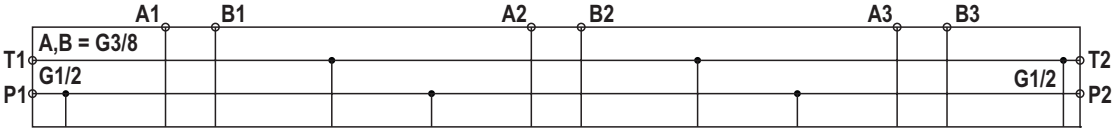
☞ **Notice:**
For the assembly, commissioning and maintenance of hydraulic systems, see data sheet 07900

Schematic circuit diagram: Manifolds with 3 stations

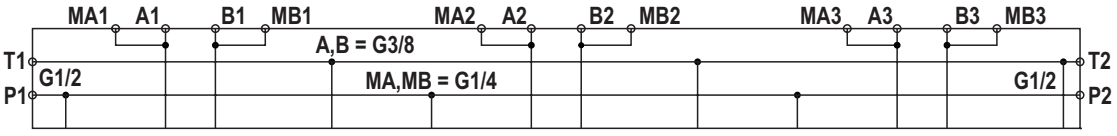
Manifold HSR 06 -25/01C



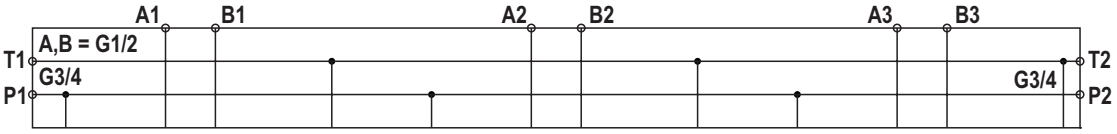
Manifold HSR 06 -25/01D



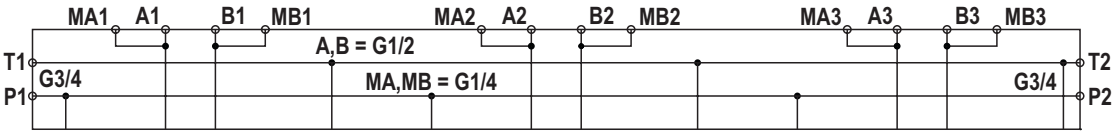
Manifold HSR 06 -25/01D SO8



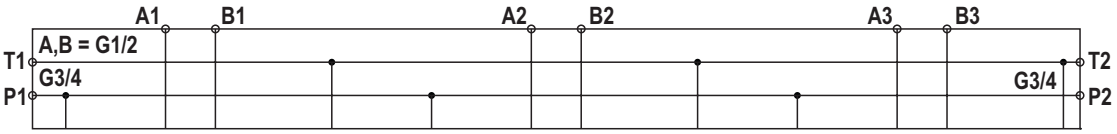
Manifold HSR 06 -35/01C



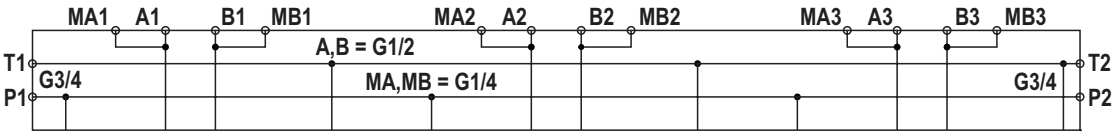
Manifold HSR 06 -35/01C SO8



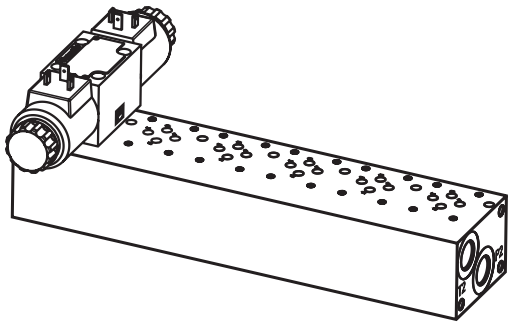
Manifold HSR 06 -35/01D

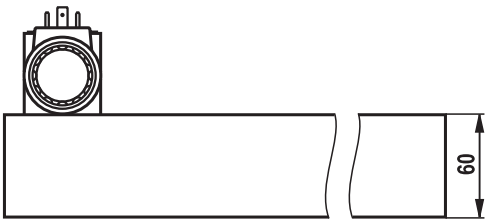


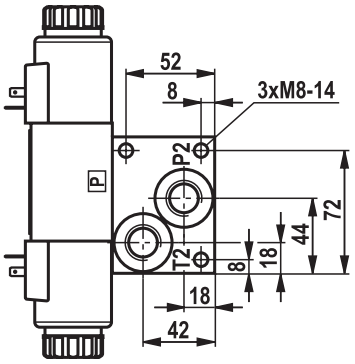
Manifold HSR 06 -35/01D SO8

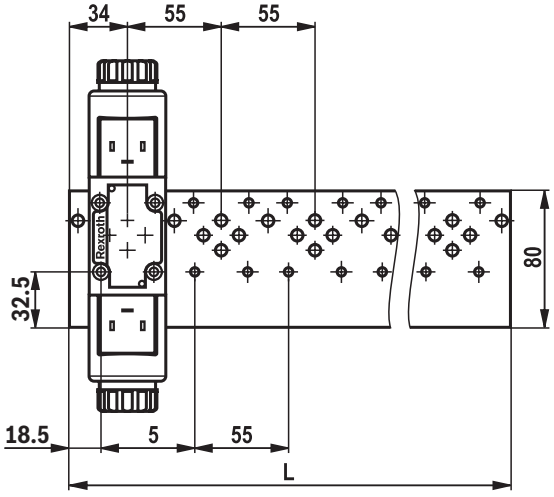


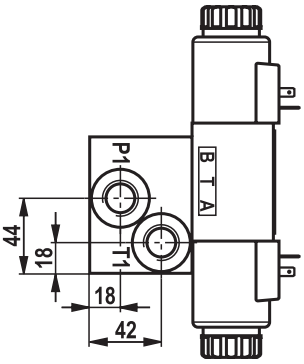
Dimensions: Version **"2 ... 10..25/01C"**
(dimensions in mm)



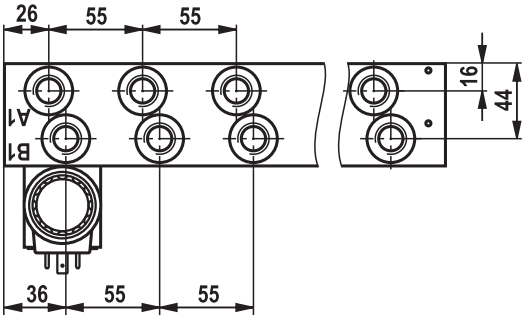




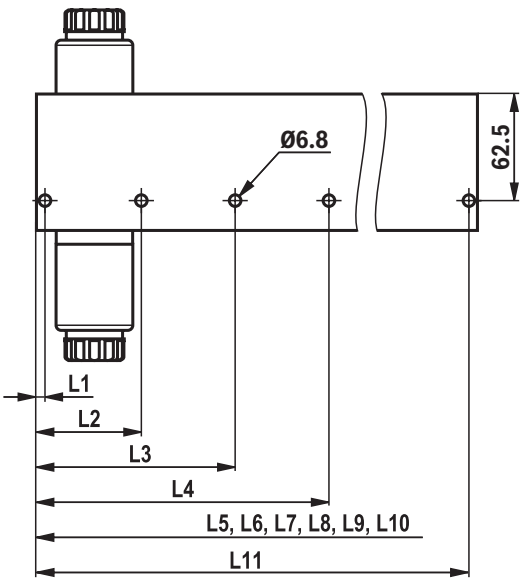




Thread type	Pipe thread according to ISO 228 Part 1	
Port	A1 ... A10 B1 ... B10	P1; P2 T1; T2
Thread diameter	G3/8	G1/2
Thread depth	13	15
Counter bore diameter	28	34
Recess depth	0.2	0.2



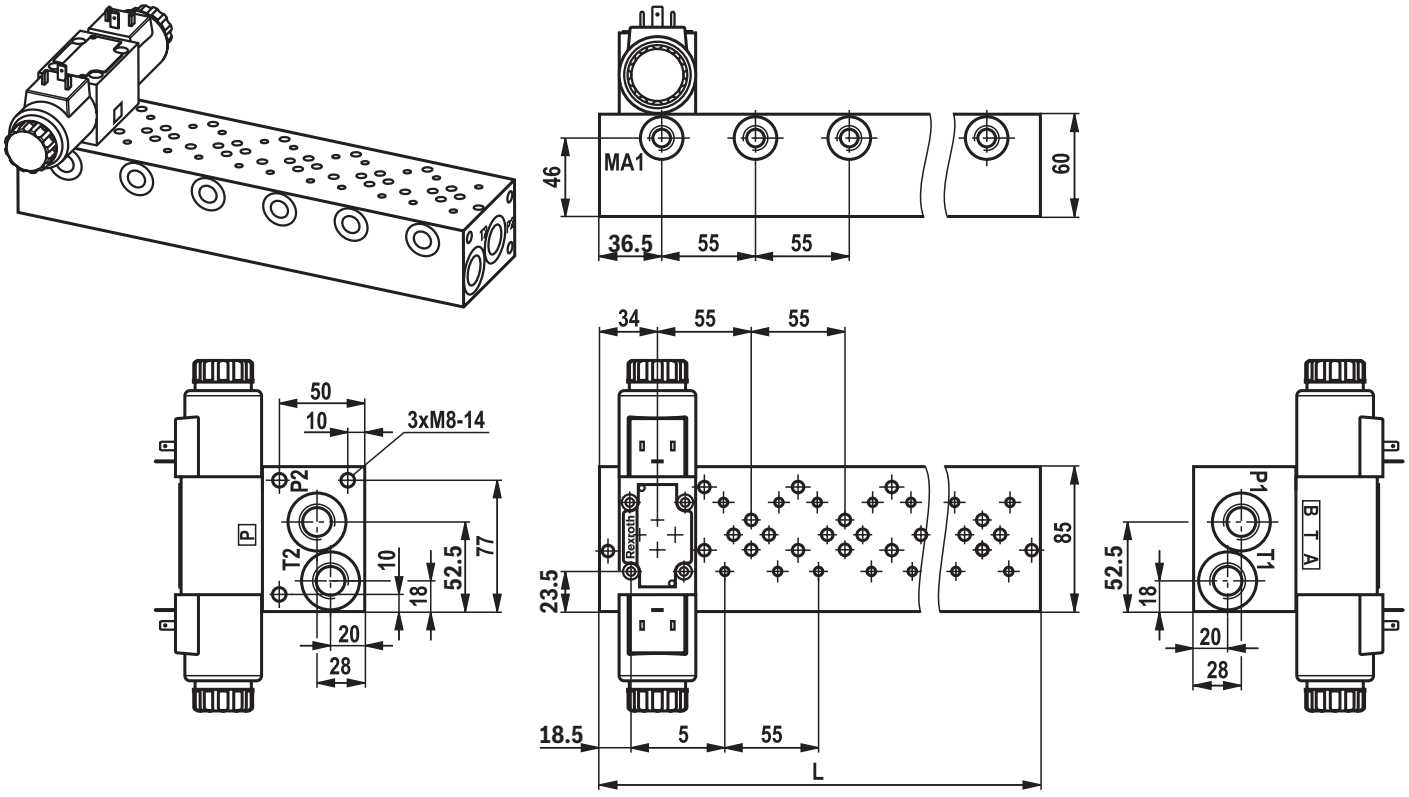
Number of stations	**Overall length L**	**Fixing holes [1)]**				
		L1	**L2**	**L3**	**L4**	**L5**
2	123	5	61.5	118		
3	178	5	61.5	116.5	173	
4	233	5	61.5	116.5	171.5	228
5	288	5	61.5	116.5	171.5	226.5
6	343	5	61.5	116.5	171.5	226.5
7	398	5	61.5	116.5	171.5	226.5
8	453	5	61.5	116.5	171.5	226.5
9	508	5	61.5	116.5	171.5	226.5
10	563	5	61.5	116.5	171.5	226.5

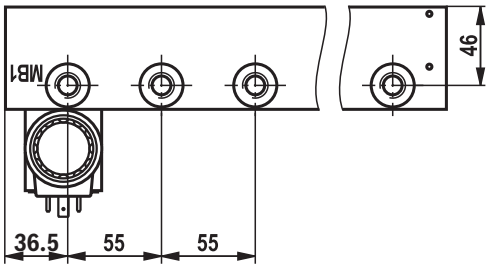


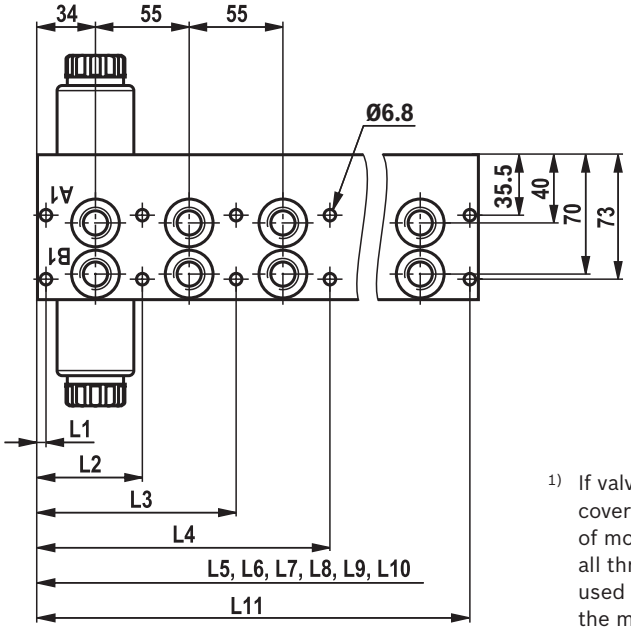
Number of stations	**Fixing holes [1)]**					
	L6	**L7**	**L8**	**L9**	**L10**	**L11**
5	283					
6	281.5	338				
7	281.5	336.5	393			
8	281.5	336.5	391.5	448		
9	281.5	336.5	391.5	446.5	503	
10	281.5	336.5	391.5	446.5	501.5	558

[1)] If valves, sandwich and cover plates have a width of more than 45 mm, not all through holes can be used for the fixation of the manifolds.

Dimensions: Version **"2 ... 10..25/01D (SO8)"**
(dimensions in mm)







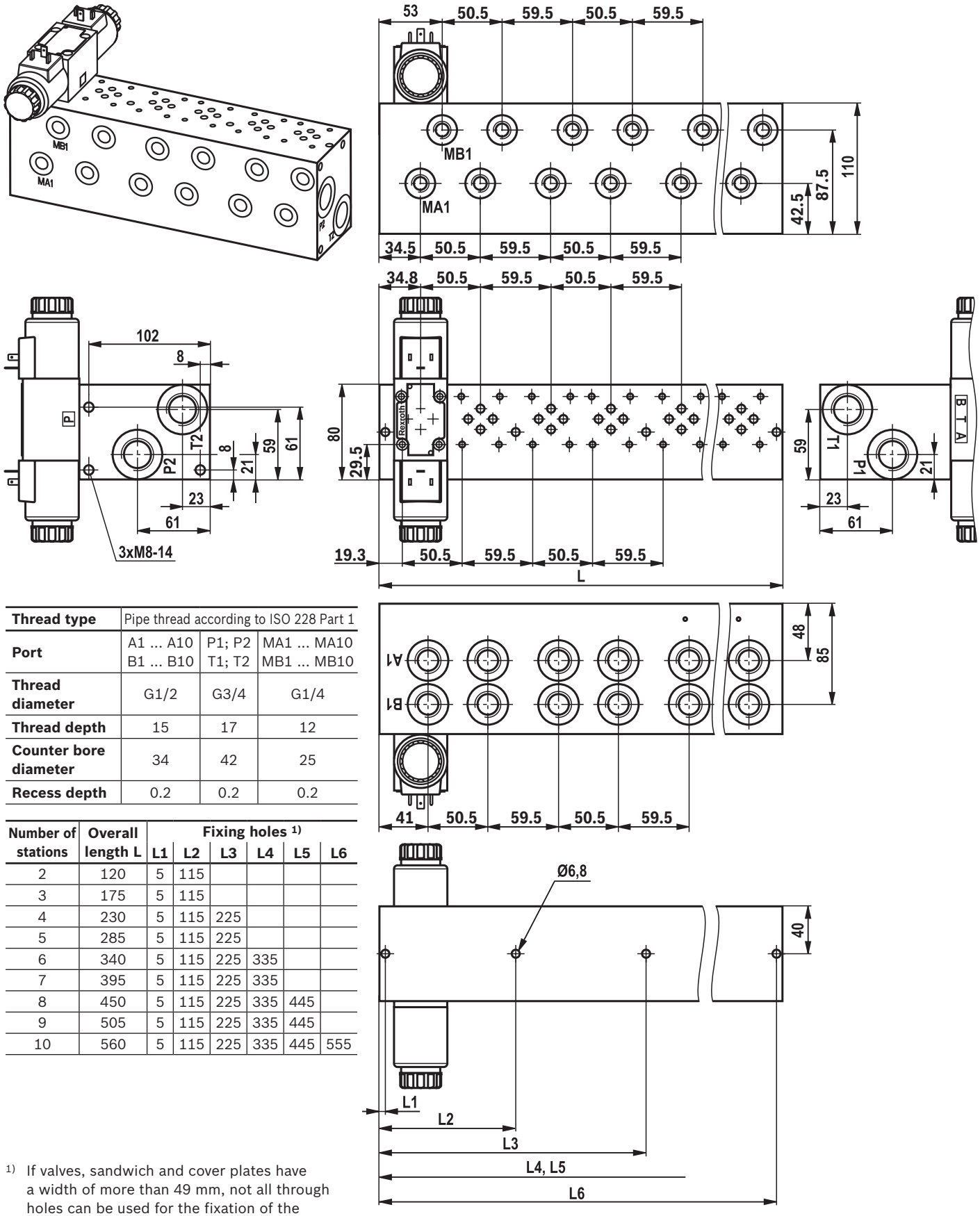
Thread type	Pipe thread according to ISO 228 Part 1		
Port	A1 ... A10 B1 ... B10	P1; P2 T1; T2	MA1 ... MA10 MB1 ... MB10
Thread diameter	G3/8	G1/2	G1/4
Thread depth	13	15	13
Counter bore diameter	28	34	25
Recess depth	0.2	0.2	0.2

Number of stations	**Overall length L**	**Fixing holes [1)]**				
		L1	**L2**	**L3**	**L4**	**L5**
2	123	5	61.5	118		
3	178	5	61.5	116.5	173	
4	233	5	61.5	116.5	171.5	228
5	288	5	61.5	116.5	171.5	226.5
6	343	5	61.5	116.5	171.5	226.5
7	398	5	61.5	116.5	171.5	226.5
8	453	5	61.5	116.5	171.5	226.5
9	508	5	61.5	116.5	171.5	226.5
10	563	5	61.5	116.5	171.5	226.5

Number of stations	**Fixing holes [1)]**					
	L6	**L7**	**L8**	**L9**	**L10**	**L11**
5	283					
6	281.5	338				
7	281.5	336.5	393			
8	281.5	336.5	391.5	448		
9	281.5	336.5	391.5	446.5	503	
10	281.5	336.5	391.5	446.5	501.5	558

[1)] If valves, sandwich and cover plates have a width of more than 45 mm, not all through holes can be used for the fixation of the manifolds.

Dimensions: Version **"2 ... 10..35/01C (SO8)"**
(dimensions in mm)

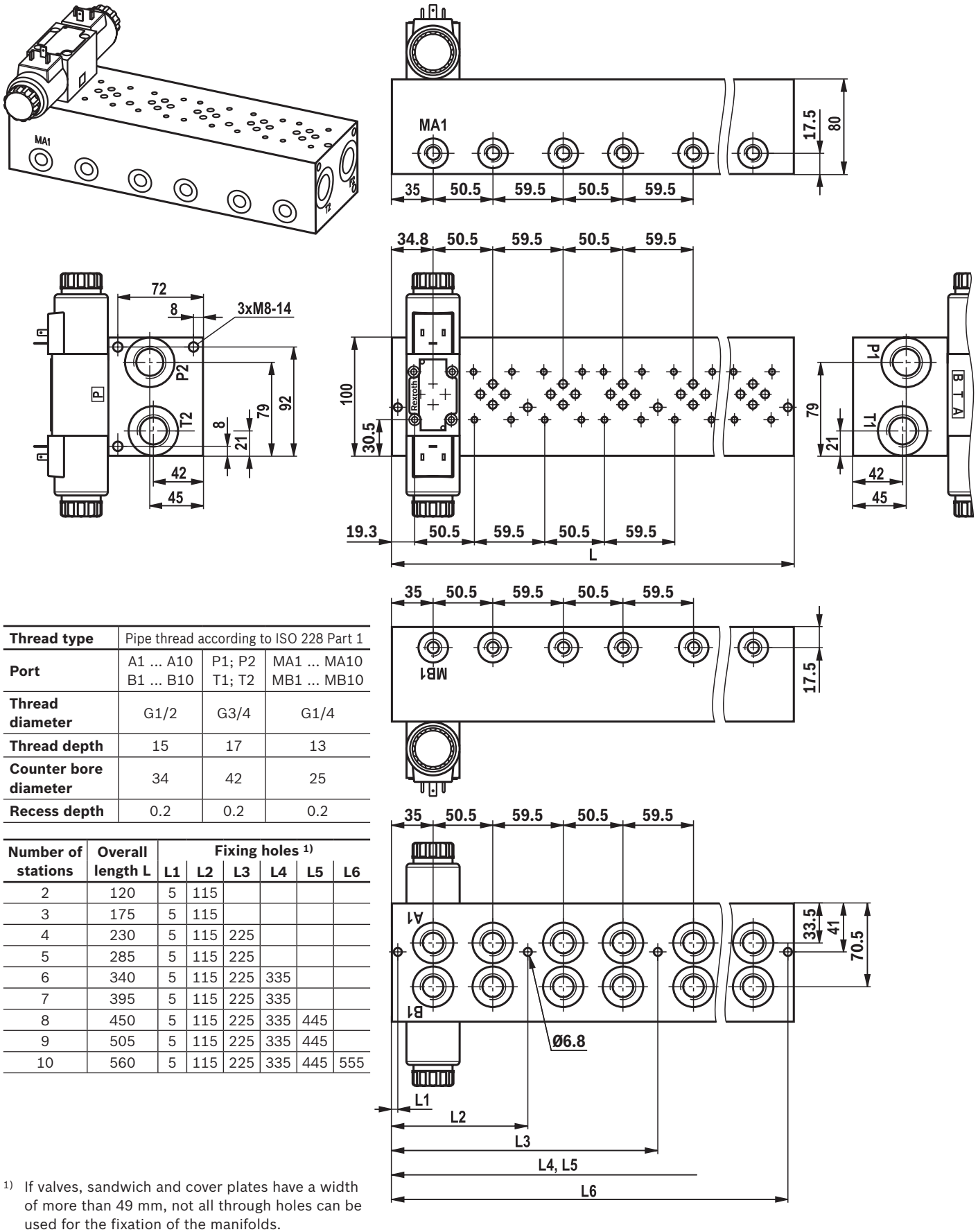


Thread type	Pipe thread according to ISO 228 Part 1		
Port	A1 ... A10 B1 ... B10	P1; P2 T1; T2	MA1 ... MA10 MB1 ... MB10
Thread diameter	G1/2	G3/4	G1/4
Thread depth	15	17	12
Counter bore diameter	34	42	25
Recess depth	0.2	0.2	0.2

Number of stations	Overall length L	Fixing holes [1]					
		L1	L2	L3	L4	L5	L6
2	120	5	115				
3	175	5	115				
4	230	5	115	225			
5	285	5	115	225			
6	340	5	115	225	335		
7	395	5	115	225	335		
8	450	5	115	225	335	445	
9	505	5	115	225	335	445	
10	560	5	115	225	335	445	555

1) If valves, sandwich and cover plates have a width of more than 49 mm, not all through holes can be used for the fixation of the manifolds.

Dimensions: Version **"2 ... 10..35/01D (SO8)"**
(dimensions in mm)

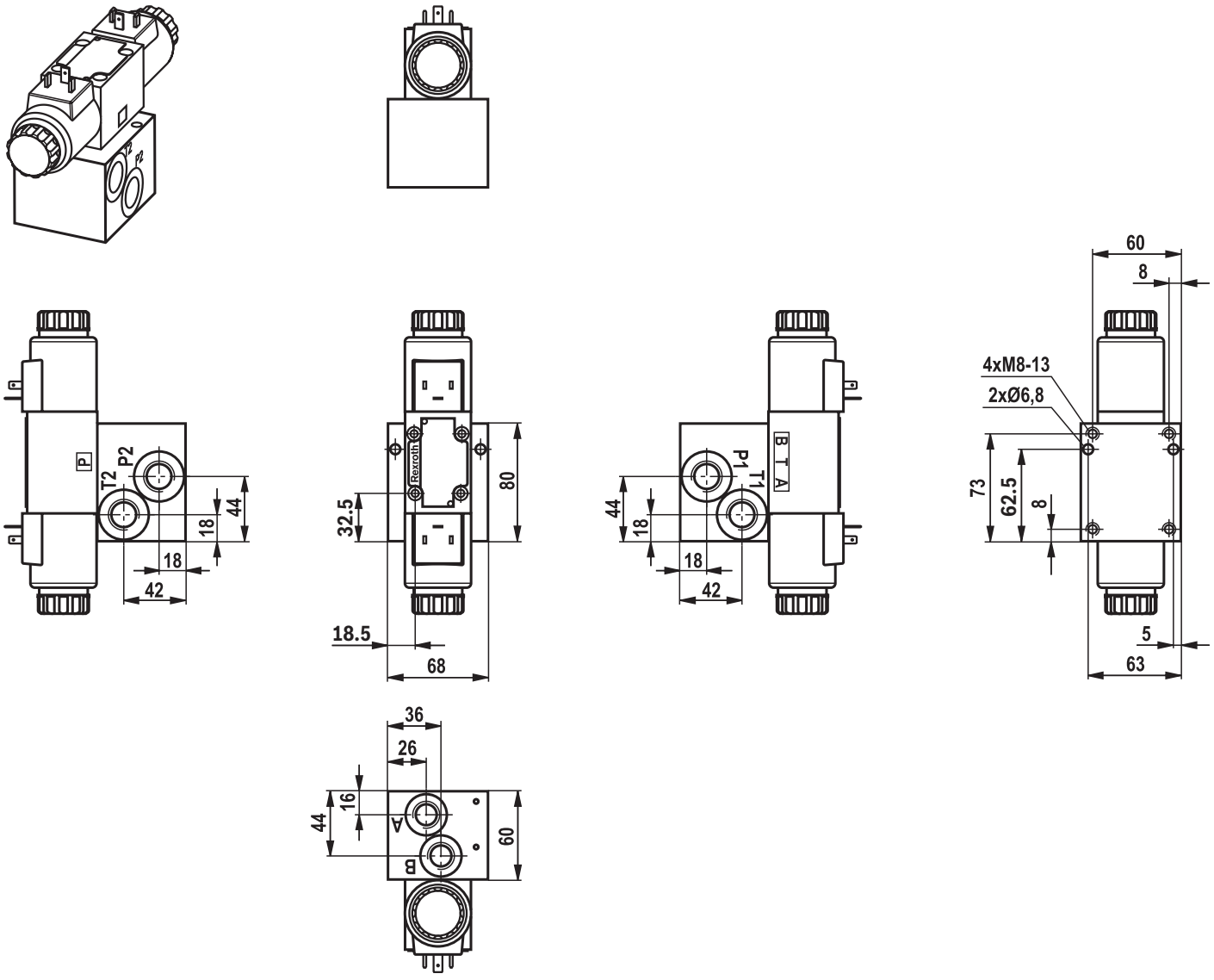


Thread type	Pipe thread according to ISO 228 Part 1		
Port	A1 ... A10 B1 ... B10	P1; P2 T1; T2	MA1 ... MA10 MB1 ... MB10
Thread diameter	G1/2	G3/4	G1/4
Thread depth	15	17	13
Counter bore diameter	34	42	25
Recess depth	0.2	0.2	0.2

Number of stations	**Overall length L**	**Fixing holes** [1]					
		L1	**L2**	**L3**	**L4**	**L5**	**L6**
2	120	5	115				
3	175	5	115				
4	230	5	115	225			
5	285	5	115	225			
6	340	5	115	225	335		
7	395	5	115	225	335		
8	450	5	115	225	335	445	
9	505	5	115	225	335	445	
10	560	5	115	225	335	445	555

[1] If valves, sandwich and cover plates have a width of more than 49 mm, not all through holes can be used for the fixation of the manifolds.

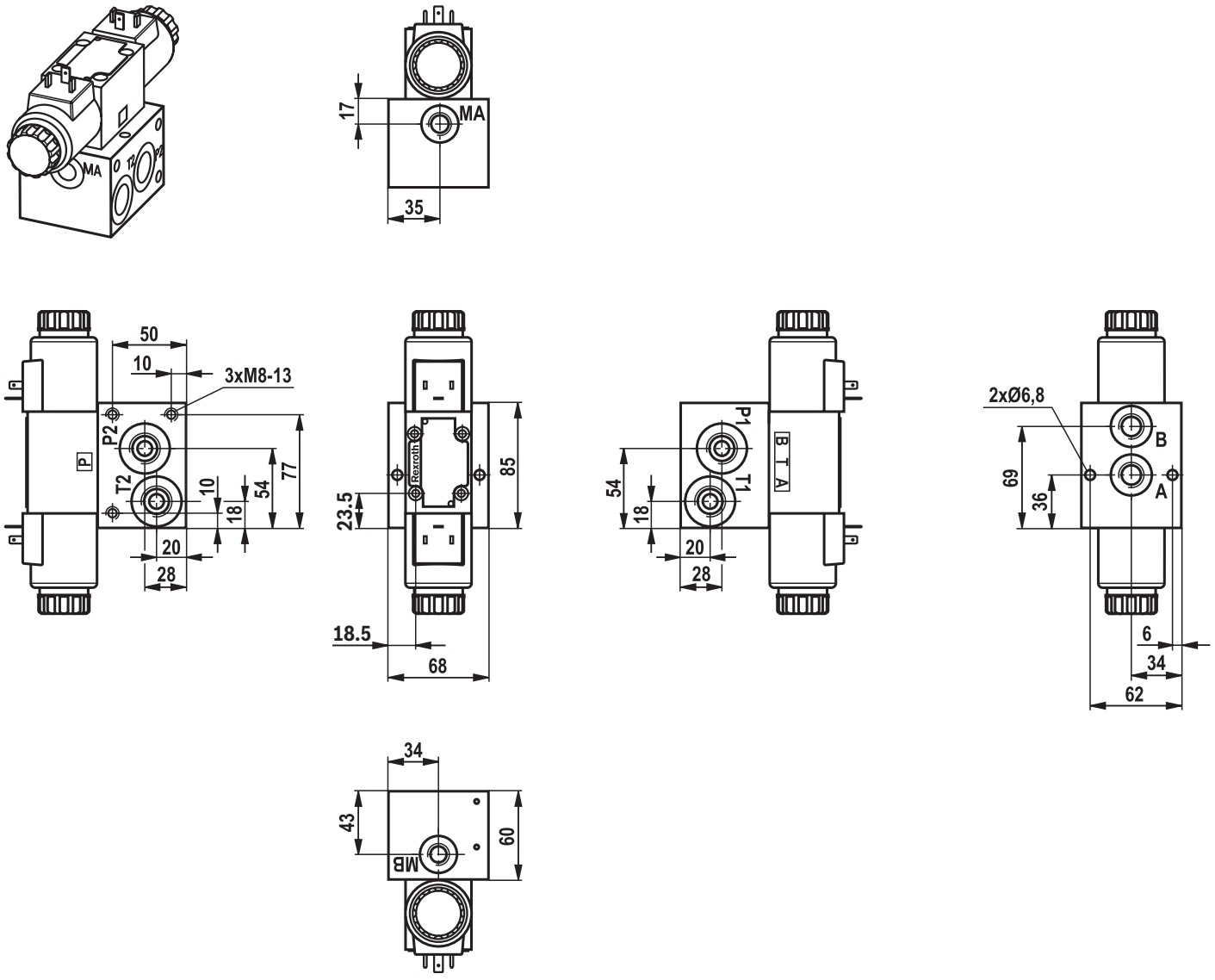
Dimensions: Version **"1HSR..25/01C"**
(dimensions in mm)



Thread type	Pipe thread according to ISO 228 Part 1	
Port	A1 ... A10 B1 ... B10	P1; P2 T1; T2
Thread diameter	G3/8	G1/2
Thread depth	13	15
Counter bore diameter	28	34
Recess depth	0.2	0.2

If valves, sandwich and cover plates have a width of more than 48 mm, not all through holes can be used for the fixation of the manifolds!

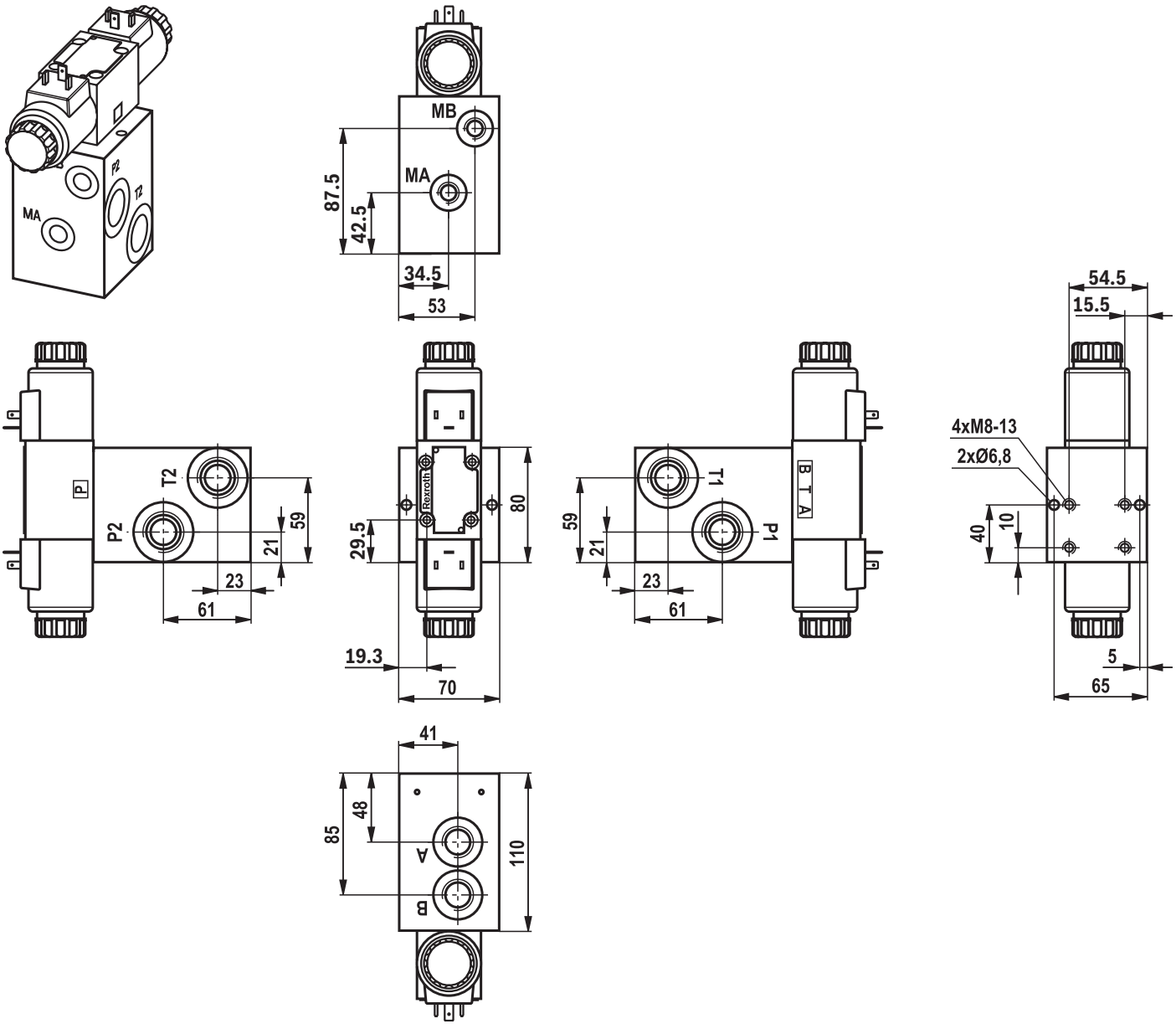
Dimensions: Version **"1HSR..25/01D SO8"**
(dimensions in mm)



Thread type	Pipe thread according to ISO 228 Part 1		
Port	A1 ... A10 B1 ... B10	P1; P2 T1; T2	MA1 ... MA10 MB1 ... MB10
Thread diameter	G3/8	G1/2	G1/4
Thread depth	13	15	13
Counter bore diameter	28	34	25
Recess depth	0.2	0.2	0.2

If valves, sandwich and cover plates have a width of more than 46 mm, problems regarding the fixation of the manifold may result!

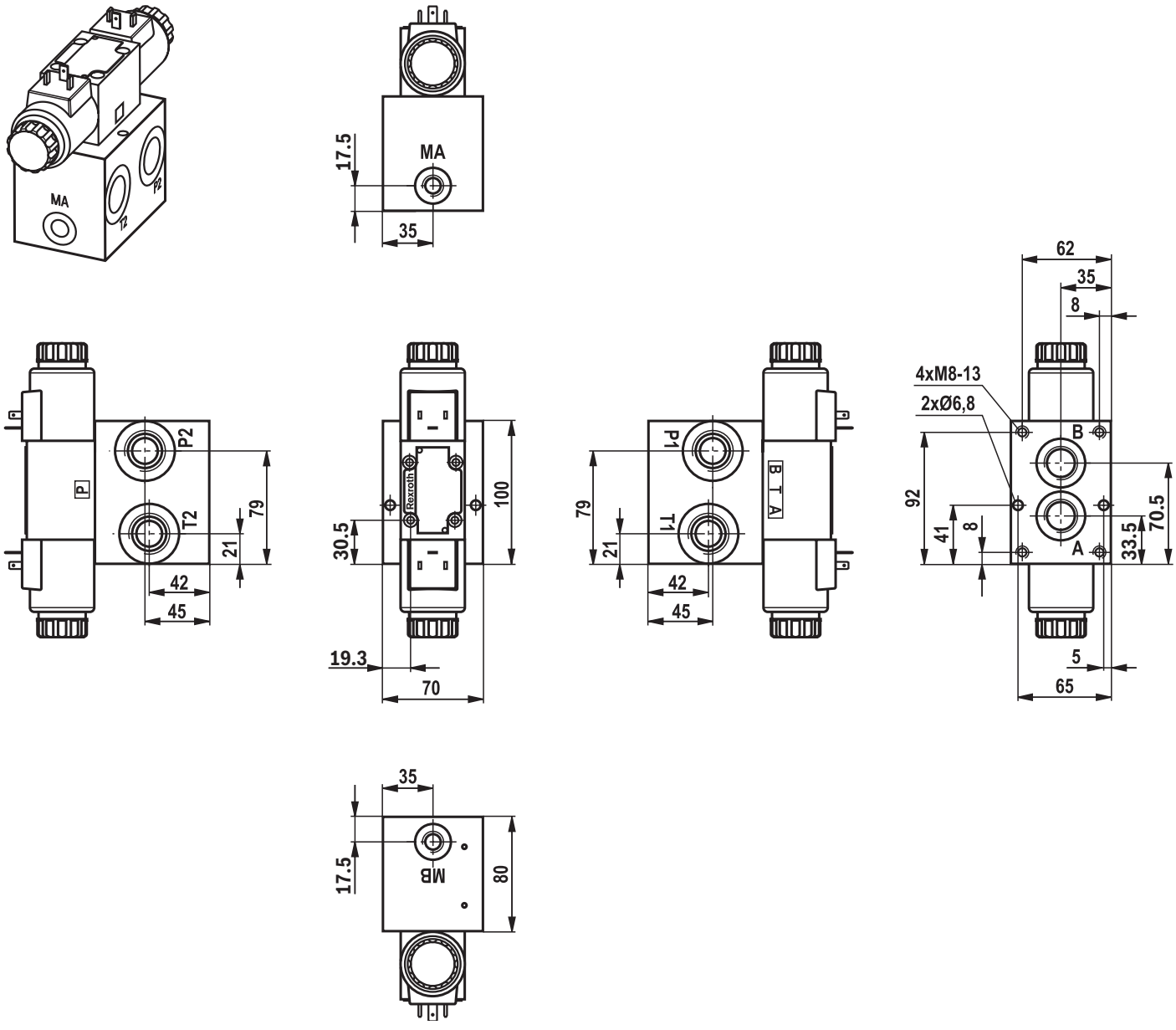
Dimensions: Version **"1HSR..35/01C SO8"**
(dimensions in mm)



Thread type	Pipe thread according to ISO 228 Part 1		
Port	A1 ... A10 B1 ... B10	P1; P2 T1; T2	MA1 ... MA10 MB1 ... MB10
Thread diameter	G1/2	G3/4	G1/4
Thread depth	15	17	13
Counter bore diameter	34	42	25
Recess depth	0.2	0.2	0.2

If valves, sandwich and cover plates have a width of more than 50 mm, not all through holes can be used for the fixation of the manifolds!

Dimensions: Version **"1HSR..35/01D SO8"**
(dimensions in mm)



Thread type	Pipe thread according to ISO 228 Part 1		
Port	A1 ... A10 B1 ... B10	P1; P2 T1; T2	MA1 ... MA10
Thread diameter	G1/2	G3/4	G1/4
Thread depth	15	17	13
Counter bore diameter	34	42	25
Recess depth	0.2	0.2	0.2

If valves, sandwich and cover plates have a width of more than 50 mm, not all through holes can be used for the fixation of the manifolds!

Mounting screws dependent on the valve fitting

Screw selection table: Vertical stackings in combination with size 6 directional valves

Number of sandwich plates	Clamping lengths of the sandwich plates	Hexagon socket head cap screws according to ISO 4762; stud screws according to DIN 939		Stability	Material no.
1	1 x 40 mm	M5 x 90	ISO 4762	10.9	R913051578
2	2 x 40 mm	M5 x 130	DIN 939	10.9	R913055302
3	3 x 40 mm	M5 x 170	DIN 939	10.9	R913052749
4	4 x 40 mm	M5 x 210	DIN 939	10.9	R913025153
5	5 x 40 mm	M5 x 250	DIN 939	10.9	R913052751
For the tightening torques of the screws, please refer to the corresponding data sheets of the valves					

☞ **Notice:**
The clamping lengths of the mounted sandwich plates and valves must be checked for each individual case.

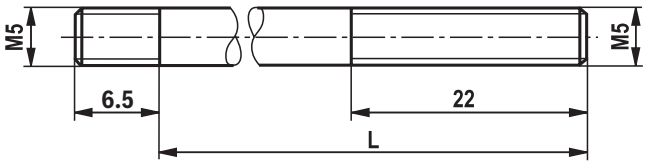
Example for mountable sandwich plates with a clamping length of 40 mm:
pressure reducing valve type ZDR 6 D...-4X/...,
pressure relief valve type Z.DB 6 V...-4X/...,
check valve type Z2S 6...-6X/...,
check valve type Z1S6...-4X.../,
throttle check valve type Z2FS 6...-4X/...,
pressure switch with sandwich plate type HED 8 O.2X/...

Directional valve	Hexagon socket head cap screws according to ISO 4762		Stability	Material no.
Direct operated directional valve type WE 6 -6X	M5 x 50	ISO 4762	10.9	R913000064
Proportional valve type WR. 6	M5 x 40	ISO 4762	10.9	R913000139
For the tightening torques of the screws, please refer to the corresponding data sheets of the valves				

☞ **Notice:**
The screw selection table does not apply to directional valves in their seawater-protected version due to differences in the clamping lengths on the directional valve (dimensions see data sheets – seawater-protected directional valves).

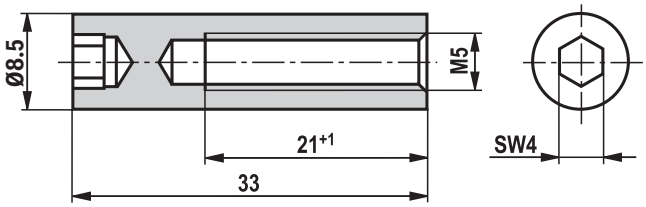
☞ **Notice:**
Directional valves with central ports "D", "DL", "DZ" and "DZL" can only be used with hexagon socket head cap screws or stud screws and round nut according to ZN 10035, material no. **R913020308**.

Stud screw M5 DIN 939, property class 10.9

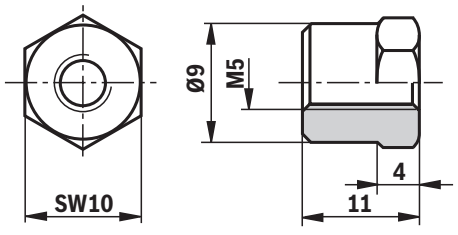


L = length of the stud screw according to DIN 939

Round nut ZN10035-M5-ST, material no. R913020308



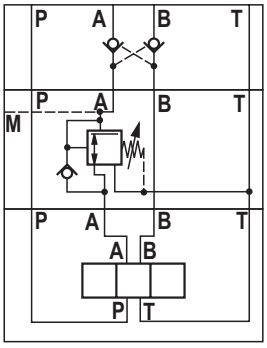
Hexagon nut ZN10034-M5-ST-CM-FE-ZN-8-CN-T0-L-B
Material no. R913017599



Project planning information

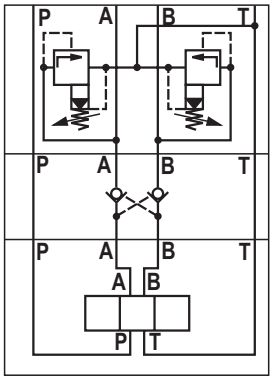
Pressure reducing valve in connection with check valve

The pressure reducing valve type ZDR..DA (pressure reduction in channel A) **must** always be installed between the directional valve and the check valve type Z2S... This ensures that the check valve can block in a leakage-free manner.



Pressure relief valve in connection with check valve

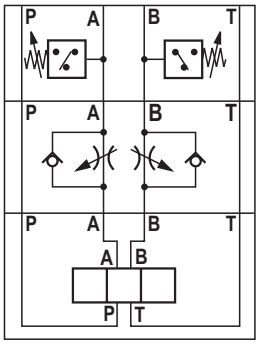
Leakage-free blocking of the actuator is **not** possible if a pressure relief valve type ZDB../Z2DB.. is effective in channel A and/or B and a check valve is installed.



Pressure switch in connection with throttle check valve

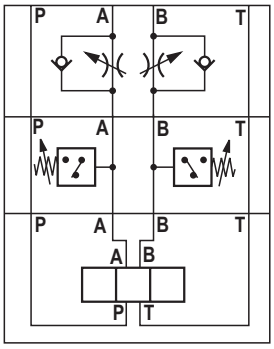
Supply control

The pressure switch type HED 8 OH, effective in channel A and/or B, is installed between subplate and the throttle check valve type Z2FS.



Discharge control

The pressure switch type HED 8 OH, effective in channel A and/or B, is installed between directional valve and throttle check valve type Z2FS.



☞ **Notice:**
The illustrated sections of circuit diagrams are examples. The project planning information must also be observed for valves with a similar function.

☞ **Notice:**
The installation of sandwich plates with two pressure switches on manifolds with lateral ports "C" is possible in individual cases. Upon request.

☞ **Notice:**
Due to the valves and sandwich plates with "excessive width", some through holes for the fixation of the manifold can not be used. The end user is responsible for evaluating, assessing and taking the responsibility with regard to the decision whether the mounting screws in these positions can be renounced.
Possible countermeasures may include:

- Use of a narrower distance plate under the broader valves and sandwich plates e.g.: R900516529 Sandwich plate HSZ 06 A003-3X/M00
- Exchanging the order of the sandwich plates of the individual vertical stackings unless this impairs the function.
- It may possibly also be useful to change the order of the vertical stackings.

Alternatively, you can use available mounting threads for the fixation.

Selection of available subplate-mounted valves

Sandwich plate valves NG6	Data sheet
Sandwich plates type HSZ	48050
Pressure reducing valve type ZDR	26570
Pressure relief valve type ZDB	25751
Check valve type Z2S	21548
Check valve type Z1S	21534
Throttle check valve type Z2FS	27506
Pressure switch type HED8	50061

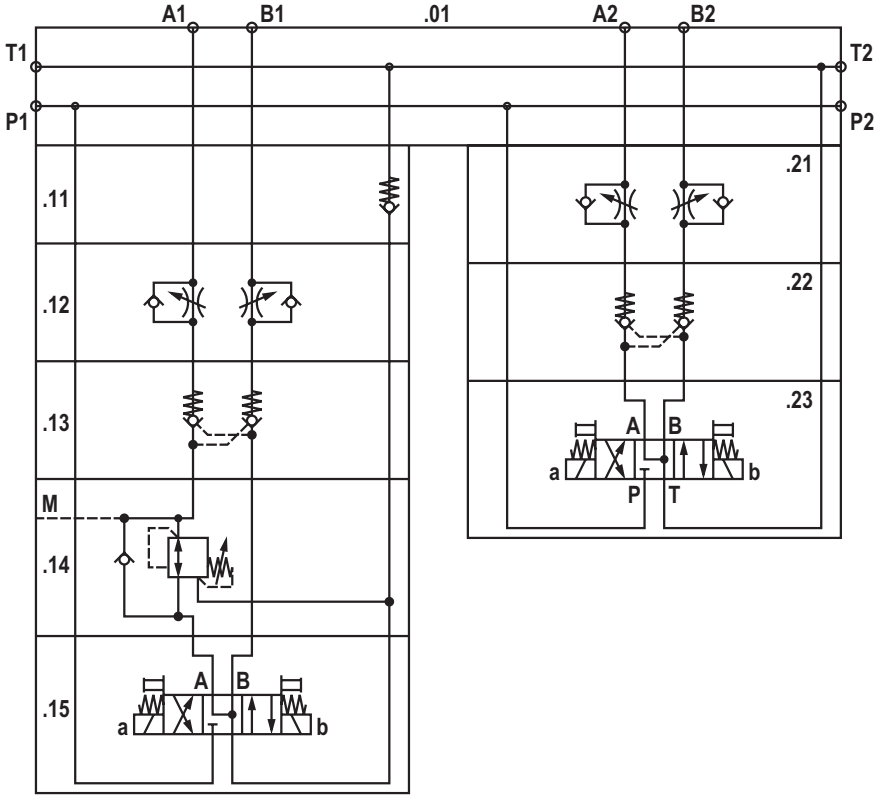
Cover plate NG6	Data sheet
Type HSA	48042

Directional spool valve NG6	Data sheet
Type WE (electrically operated)	23178
Type WP and WH (fluidic actuation)	22282
Type WM (mechanically or manually operated)	22280

Proportional directional valve NG6	Data sheet
Type WRA (direct operated, without electrical position feedback)	29055
Type WRE (direct operated, with electrical position feedback)	29061

Required ordering code of a completely mounted manifold

Example:
2-fold manifold



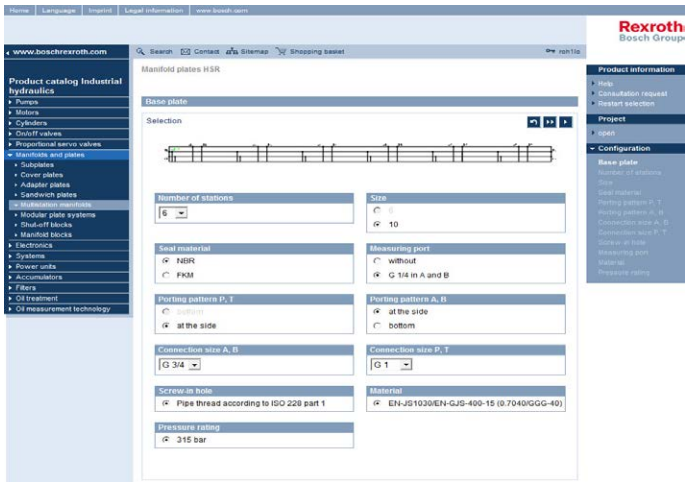
Item	Quantity	Device designation	Type designation	Material no.
.0	1		2HSR 06 C2X... [1]	[1]
.01	1	Manifold	2HSR06-35/01C PHOSPHATED	R900170948
.11	1	Check valve	Z1S 6 T05-4X/V	R901086058
.12	1	Throttle check valve	Z2FS 6-2-4X/2QV	R900481624
.13	1	Pilot operated check valve	Z2S 6-2-6X/	R900347496
.14	1	Pressure reducing valve	ZDR 6 DA2-4X/150Y	R900410849
.15	1	Directional valve	4WE 6 J6X/EG24N9K4	R900561288
	4	Stud screw	DIN939-M5X250-10.9-C&	R913025153
	4	Round nut	ZN10035-M5-ST	R913020308
.21	1	Throttle check valve	Z2FS 6-2-4X/2QV	R900481624
.22	1	Pilot operated check valve	Z2S 6-2-6X/	R900347496
.23	1	Directional valve	4WE 6 J6X/EG24N9K4	R900561288
	4	Stud screw	DIN939-M5X130-10.9-CM-FE-ZNNI-5-CN-T0-H-R	R913055302
	4	Round nut	ZN10035-M5-ST	R913020308

[1] Material number and type designation are determined by the plant or the manifold configurator

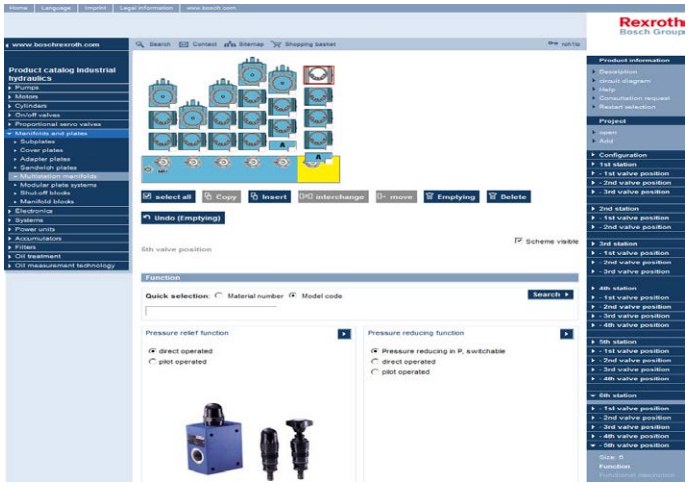
The manifold configurator on www.boschrexroth.com/ics/hsr

The configurator for manifold type HRS helps you configure your individual manifold or vertical stacking type HSH in a simple and convenient way.
You can do this online by selecting relevant features of the base element (e.g. size, number of stations and port size) and the mounted product components (e.g. size, pressure, type of actuation).

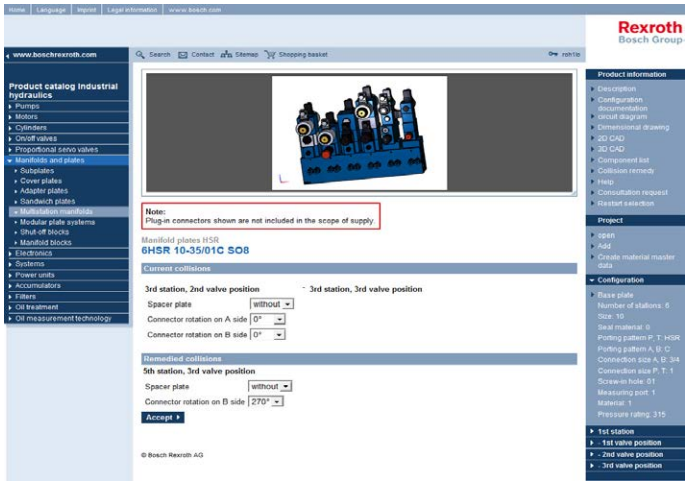
☞ **Notice:**
The configurator cannot be used for unfitted plates.



Thanks to the intuitive menu navigation, you are guided safely through the required configuration steps. Related features are clearly arranged on one page.
By connecting components from various product areas, you can choose from a range of approx. 1000 different functions.



The individual components are selected either by type code or by material number using a configuration based on the circuit diagram or a “step by step” selection of the individual functional properties of the valve or the sandwich plate.



When the configuration is complete, a collision check offers various possibilities of fixing existing collisions. When the configuration is finished, you can have the complete configuration documentation sent to you via email including material list, circuit diagram, 2D drawing and 3D model (STEP). This is done by way of an automatic request to your local distributor who will promptly contact you and send you an offer.

Notes

Bosch Rexroth AG
Industrial Hydraulics
Zum Eisengießer 1
97816 Lohr am Main, Germany
Phone +49 (0) 93 52/ 40 30 20
my.support@boschrexroth.de
www.boschrexroth.de

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Bosch Rexroth AG
Industrial Hydraulics
Zum Eisengießer 1
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