Manifold strip

- for TC15



Nominal flow Qn	1500 l/min
Ambient temperature min./max.	-10 ... 50 °C
Medium	Compressed air
Weight	See table

Technical data

Part No.	Type	Number of valve positions	Weight
R422000942	Manifold strip	2	0,218 kg
R422000943	Manifold strip	3	0,282 kg
R422000944	Manifold strip	4	0,346 kg
R422000945	Manifold strip	5	0,408 kg
R422000946	Manifold strip	6	0,474 kg
R412012680	Manifold strip	8	0,598 kg
R412012681	Manifold strip	10	0,724 kg
R412012682	Manifold strip	12	0,851 kg
R422000947	Mounting kit	-	0,239 kg
R422000938	Blanking plate	-	0,079 kg

Technical information

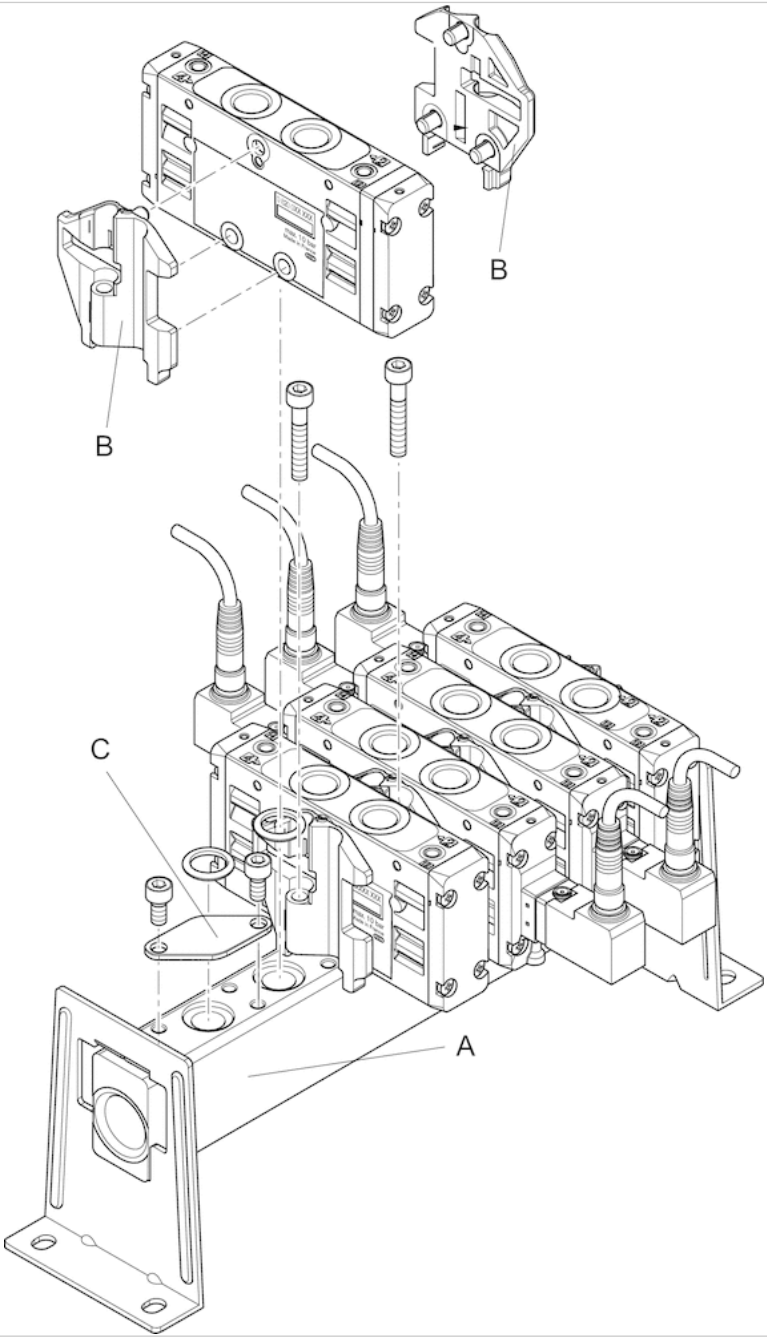
The min. control pressure must be adhered to, since otherwise faulty switching and valve failure may result!
The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C .
The oil content of compressed air must remain constant during the life cycle.
Use only the approved oils from AVENTICS. Further information can be found in the “Technical information” document (available in the MediaCentre).

Technical information

Material	
Base plate	Aluminum
Seal	Acrylonitrile butadiene rubber

Dimensions

Dimensions



The following must be ordered to mount the valves: manifold strip A and mounting kit B
C = Blanking plate

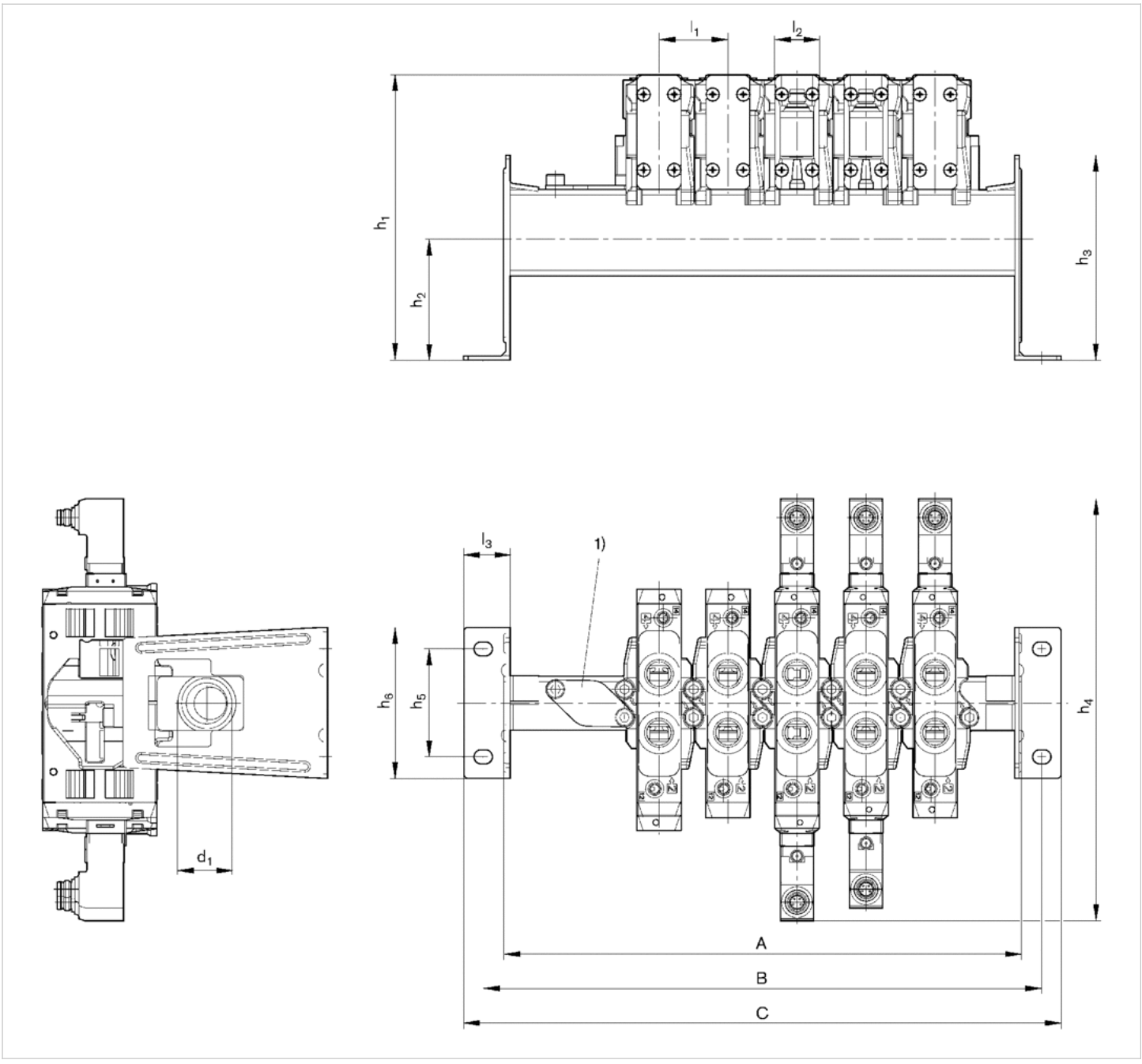
Dimensions

Part No.	
R422000942	A
R422000943	A
R422000944	A
R422000945	A
R422000946	A

Part No.	
R412012680	A
R412012681	A
R412012682	A
R422000947	B
R422000938	C

Dimensions

Dimensions, P-strip with mounting bracket



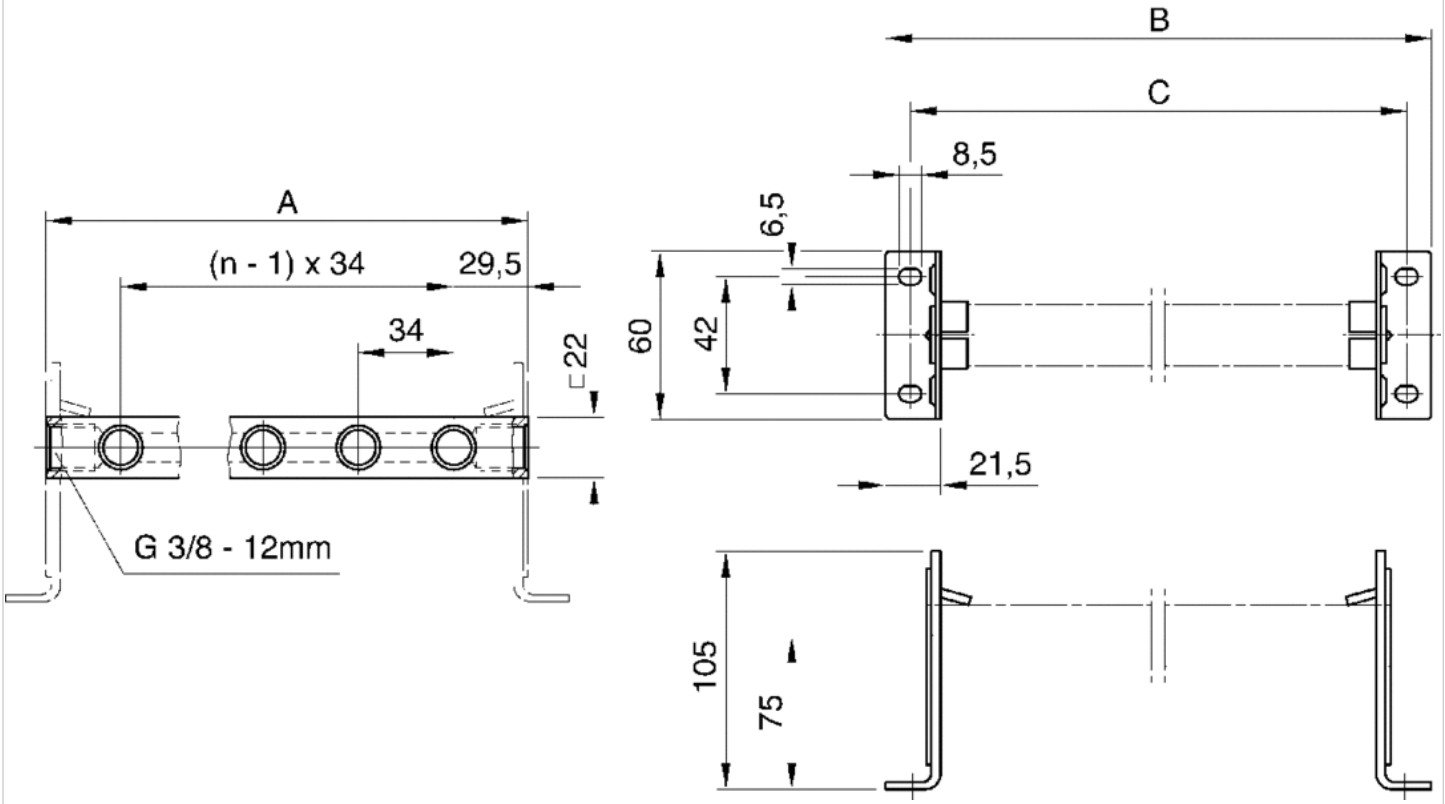
Dimensions

Part No.	n	A	B	C	d1	h1	h2	h3	h4	h5	h6	l1	l2	l3
R422000942	2	112	131	149	G 1/2	132,2	56	95	195,6	50	70	32	21	21,5
R422000943	3	144	163	181	G 1/2	132,2	56	95	195,6	50	70	32	21	21,5
R422000944	4	176	195	213	G 1/2	132,2	56	95	195,6	50	70	32	21	21,5
R422000945	5	208	227	245	G 1/2	132,2	56	95	195,6	50	70	32	21	21,5
R422000946	6	240	259	277	G 1/2	132,2	56	95	195,6	50	70	32	21	21,5
R412012680	8	304	323	341	G 1/2	132,2	56	95	195,6	50	70	32	21	21,5
R412012681	10	368	387	405	G 1/2	132,2	56	95	195,6	50	70	32	21	21,5
R412012682	12	432	451	469	G 1/2	132,2	56	95	195,6	50	70	32	21	21,5
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

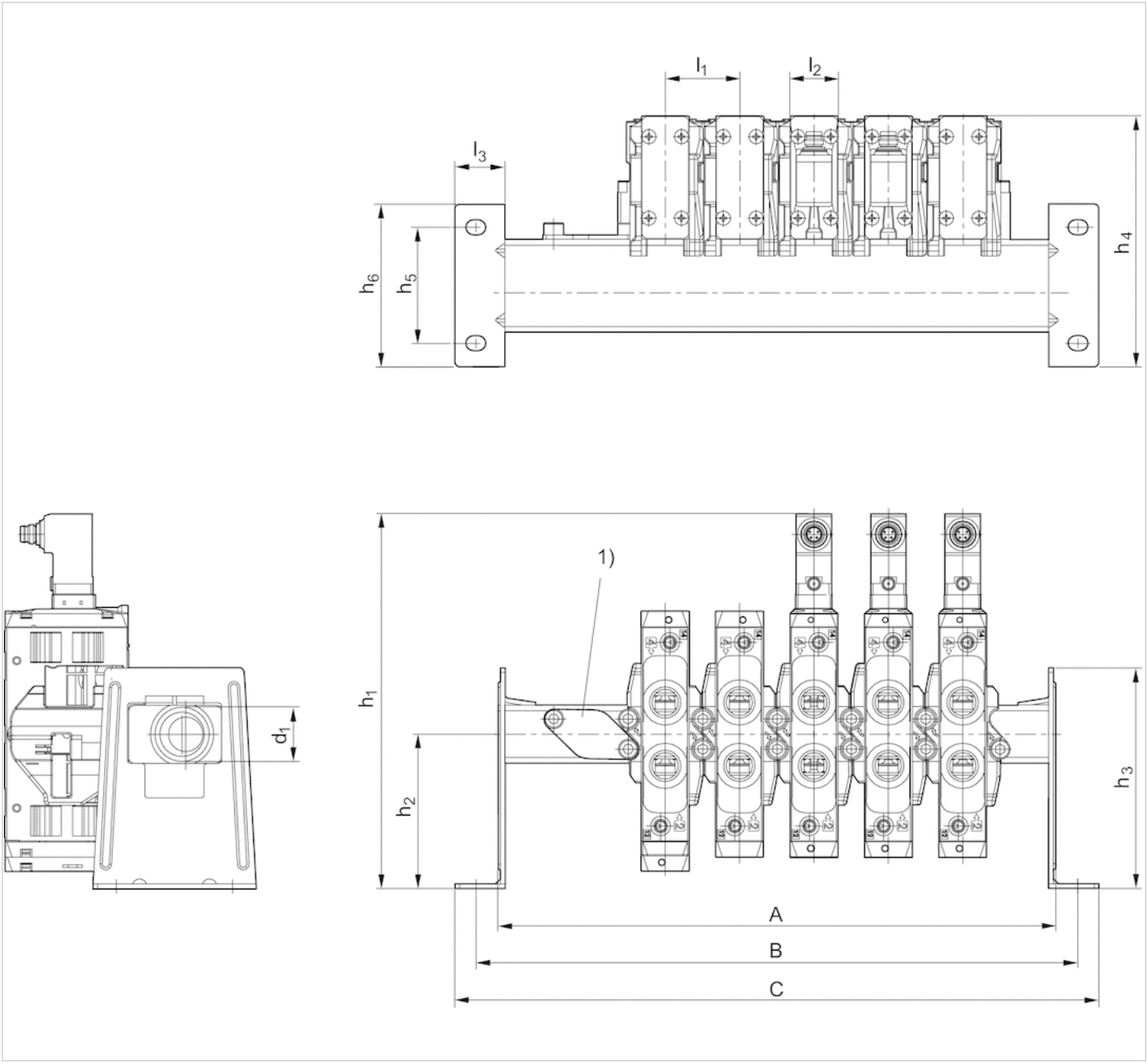
n = number of valve positions

Dimensions

Dimensions



Dimensions, P-strip with mounting bracket



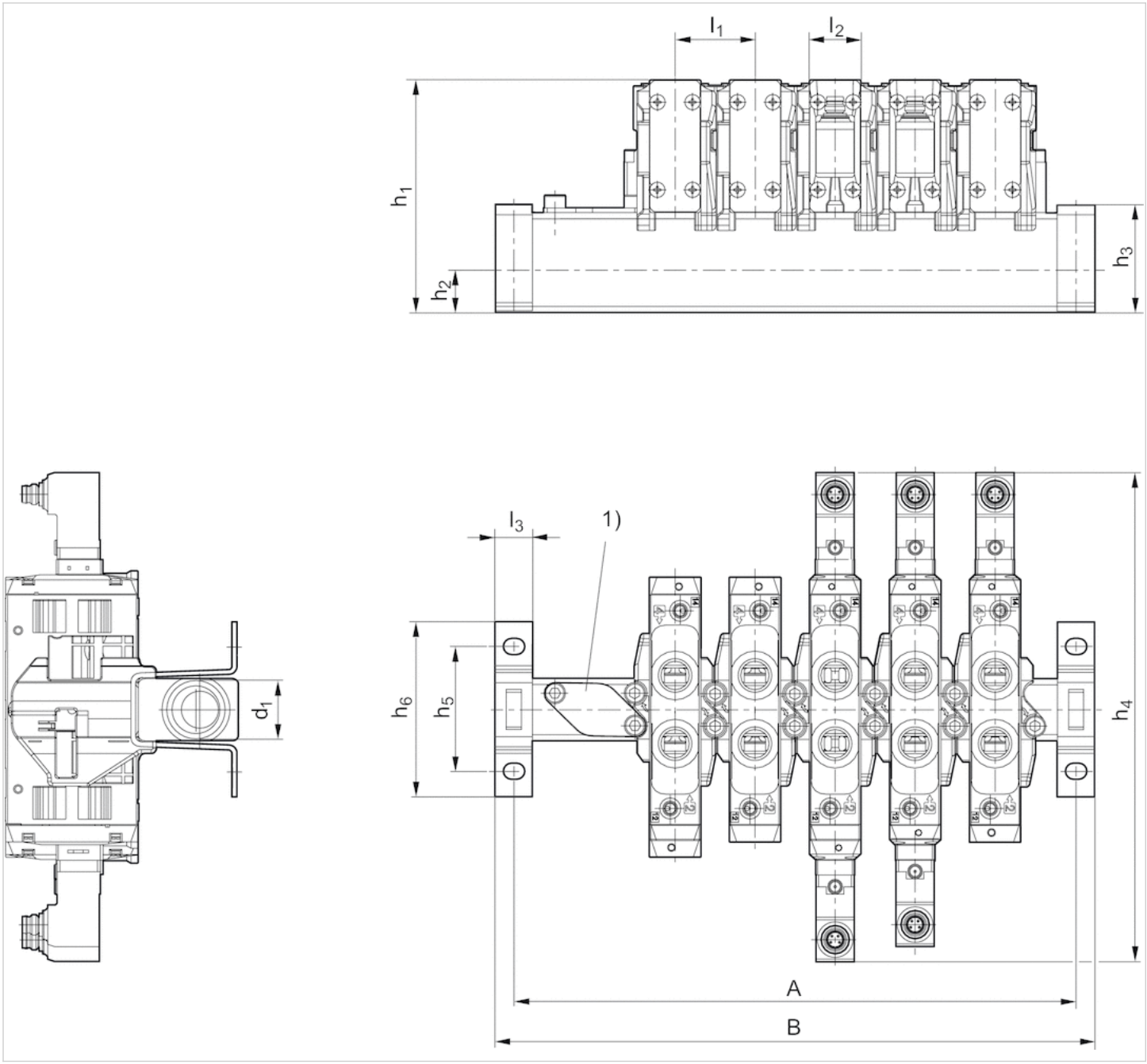
Dimensions

Part No.	n	A	B	C	d1	h1	h2	h3	h4	h5	h6	l1	l2	l3
R422000942	2	112	131	149	G 1/2	161,3	66,5	95	108	50	70	32	21	21,5
R422000943	3	144	163	181	G 1/2	161,3	66,5	95	108	50	70	32	21	21,5
R422000944	4	176	195	213	G 1/2	161,3	66,5	95	108	50	70	32	21	21,5
R422000945	5	208	227	245	G 1/2	161,3	66,5	95	108	50	70	32	21	21,5
R422000946	6	240	259	277	G 1/2	161,3	66,5	95	108	50	70	32	21	21,5
R412012680	8	304	323	341	G 1/2	161,3	66,5	95	108	50	70	32	21	21,5
R412012681	10	368	387	405	G 1/2	161,3	66,5	95	108	50	70	32	21	21,5
R412012682	12	432	451	469	G 1/2	161,3	66,5	95	108	50	70	32	21	21,5
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

n = number of valve positions

Dimensions

Dimensions, p-strip with support bracket



Dimensions

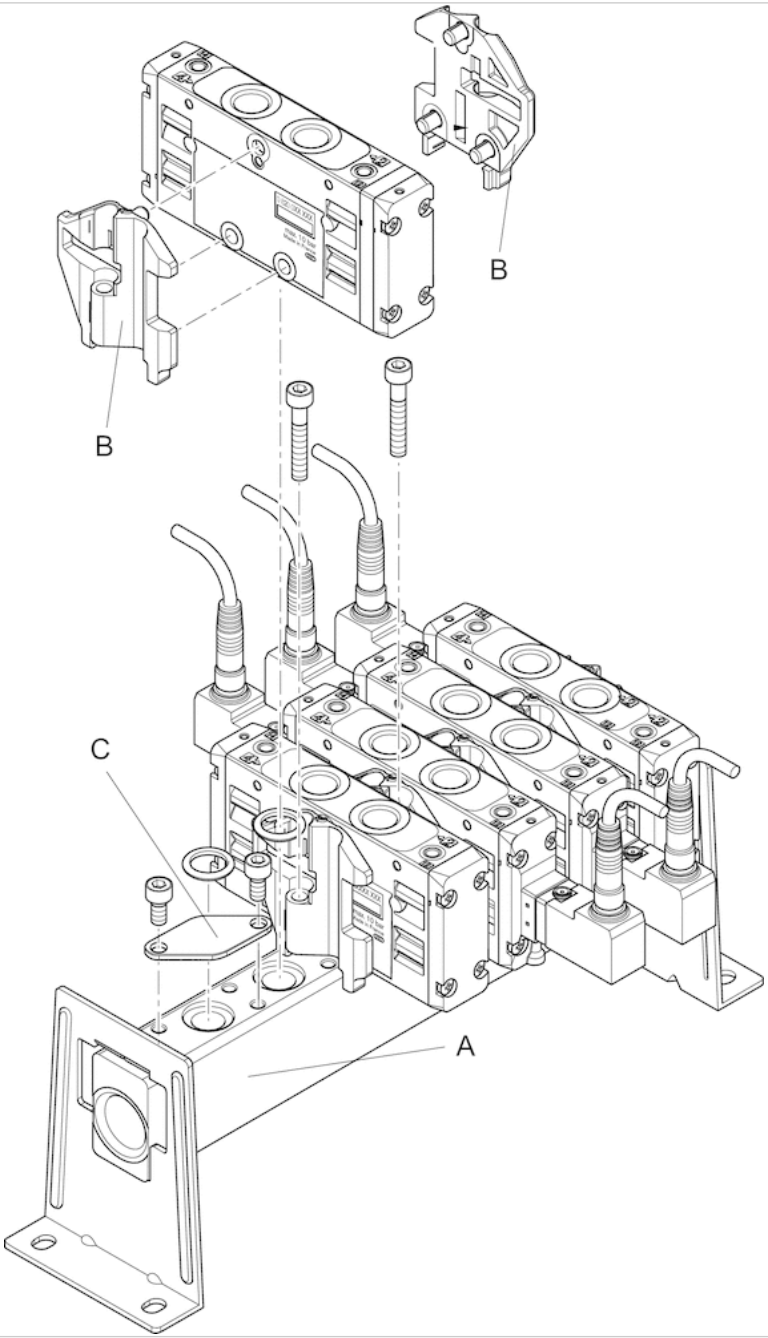
Part No.	n	A	B	d1	h1	h2	h3	h4	h5	h6	l1	l2	l3
R422000942	2	97	112	G 1/2	93,2	17	43,1	195,6	50	70	32	21	15
R422000943	3	129	144	G 1/2	93,2	17	43,1	195,6	50	70	32	21	15
R422000944	4	161	176	G 1/2	93,2	17	43,1	195,6	50	70	32	21	15
R422000945	5	193	208	G 1/2	93,2	17	43,1	195,6	50	70	32	21	15
R422000946	6	225	240	G 1/2	93,2	17	43,1	195,6	50	70	32	21	15
R412012680	8	289	304	G 1/2	93,2	17	43,1	195,6	50	70	32	21	15

Part No.	n	A	B	d1	h1	h2	h3	h4	h5	h6	l1	l2	l3
R412012681	10	353	368	G 1/2	93,2	17	43,1	195,6	50	70	32	21	15
R412012682	12	417	432	G 1/2	93,2	17	43,1	195,6	50	70	32	21	15
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-

n = number of valve positions

Dimensions

Dimensions



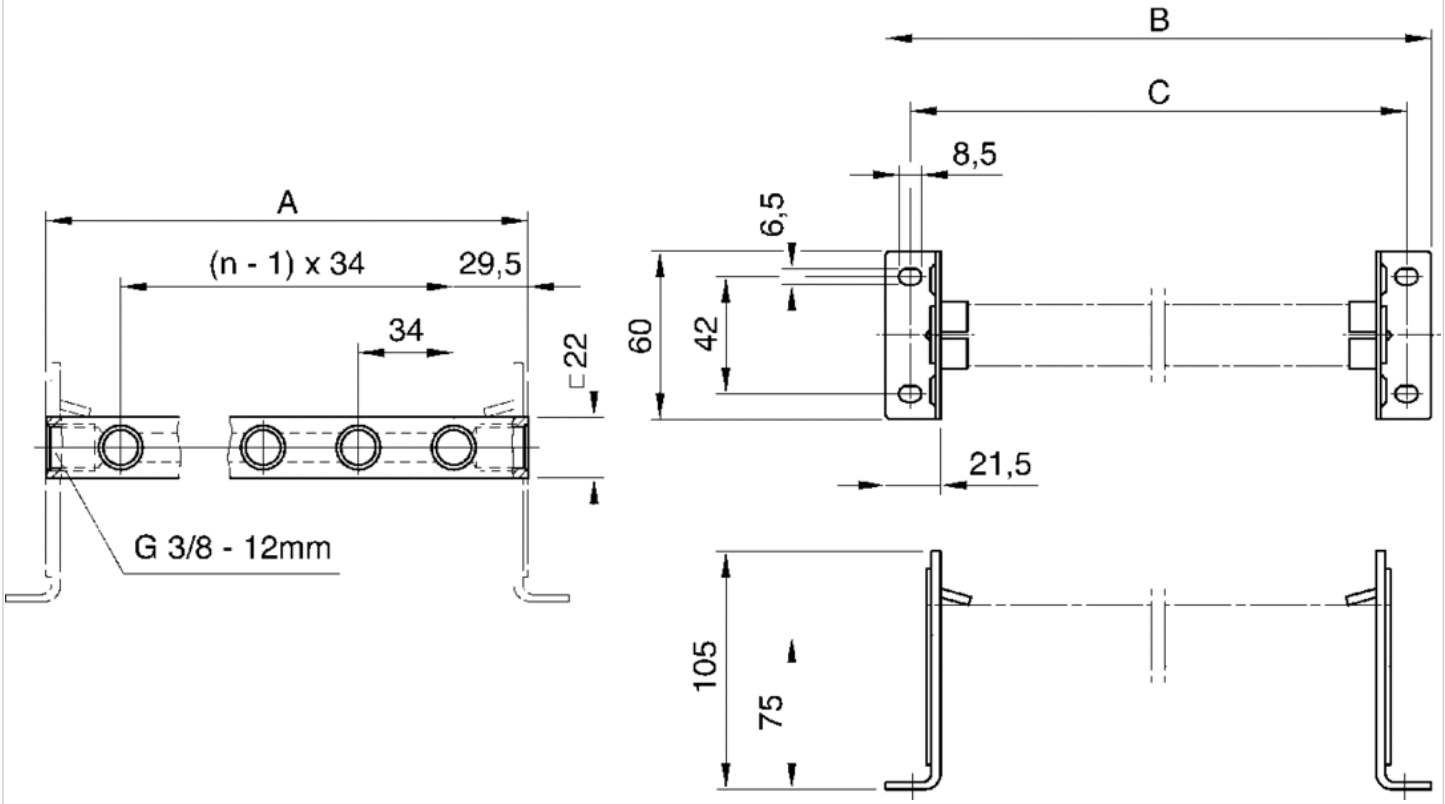
The following must be ordered to mount the valves: manifold strip A and mounting kit B
C = Blanking plate

Dimensions

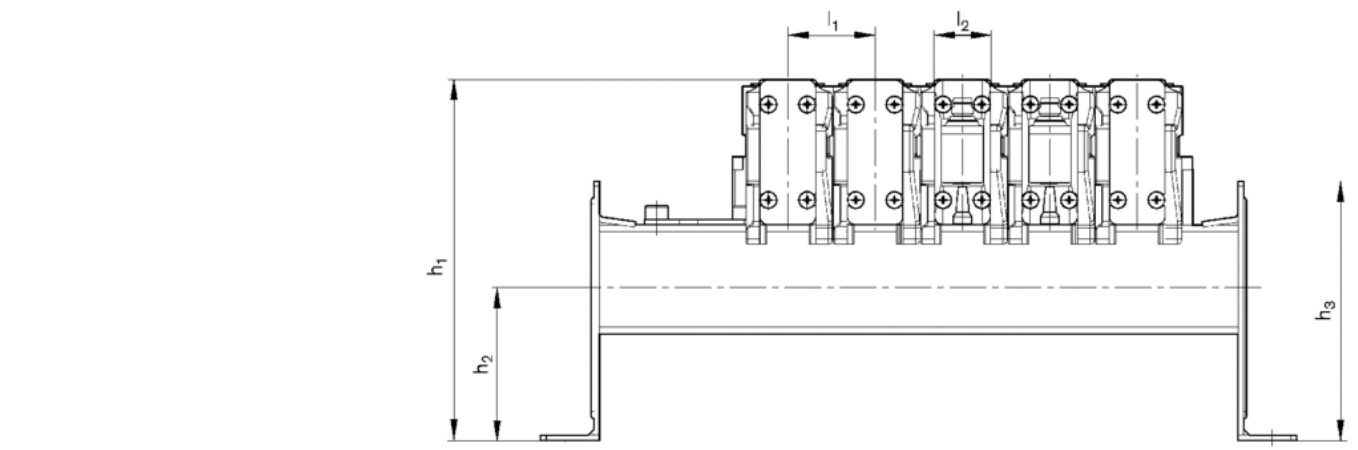
Part No.	
R422000942	A
R422000943	A
R422000944	A
R422000945	A
R422000946	A
R412012680	A
R412012681	A
R412012682	A
R422000947	B
R422000938	C

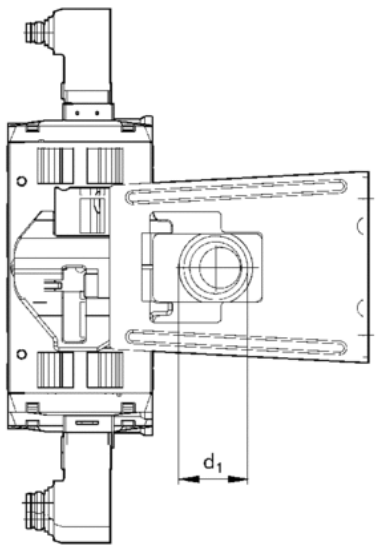
Dimensions

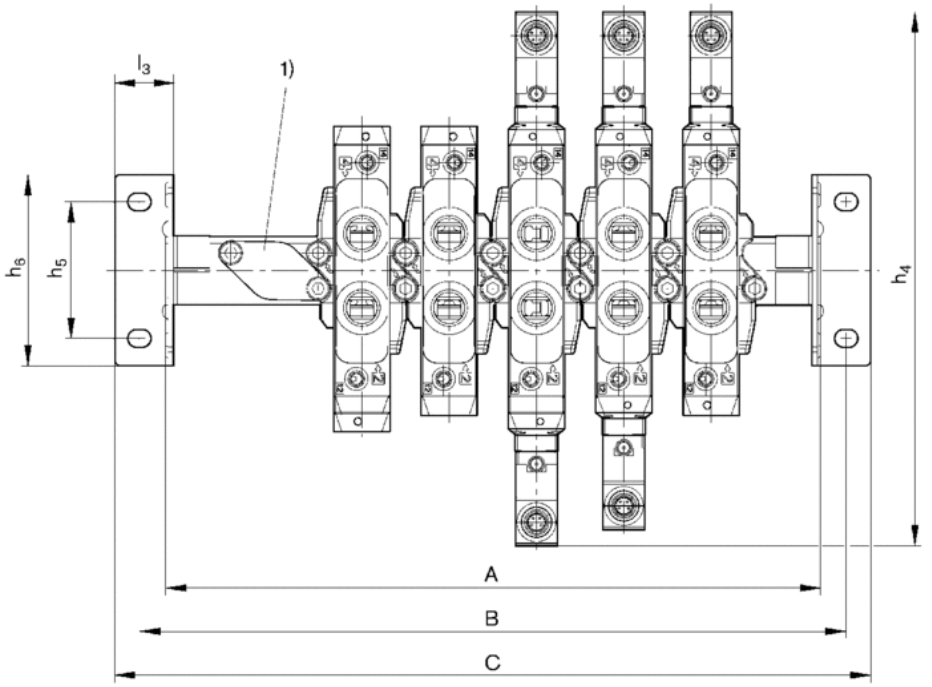
Dimensions



Dimensions, P-strip with mounting bracket







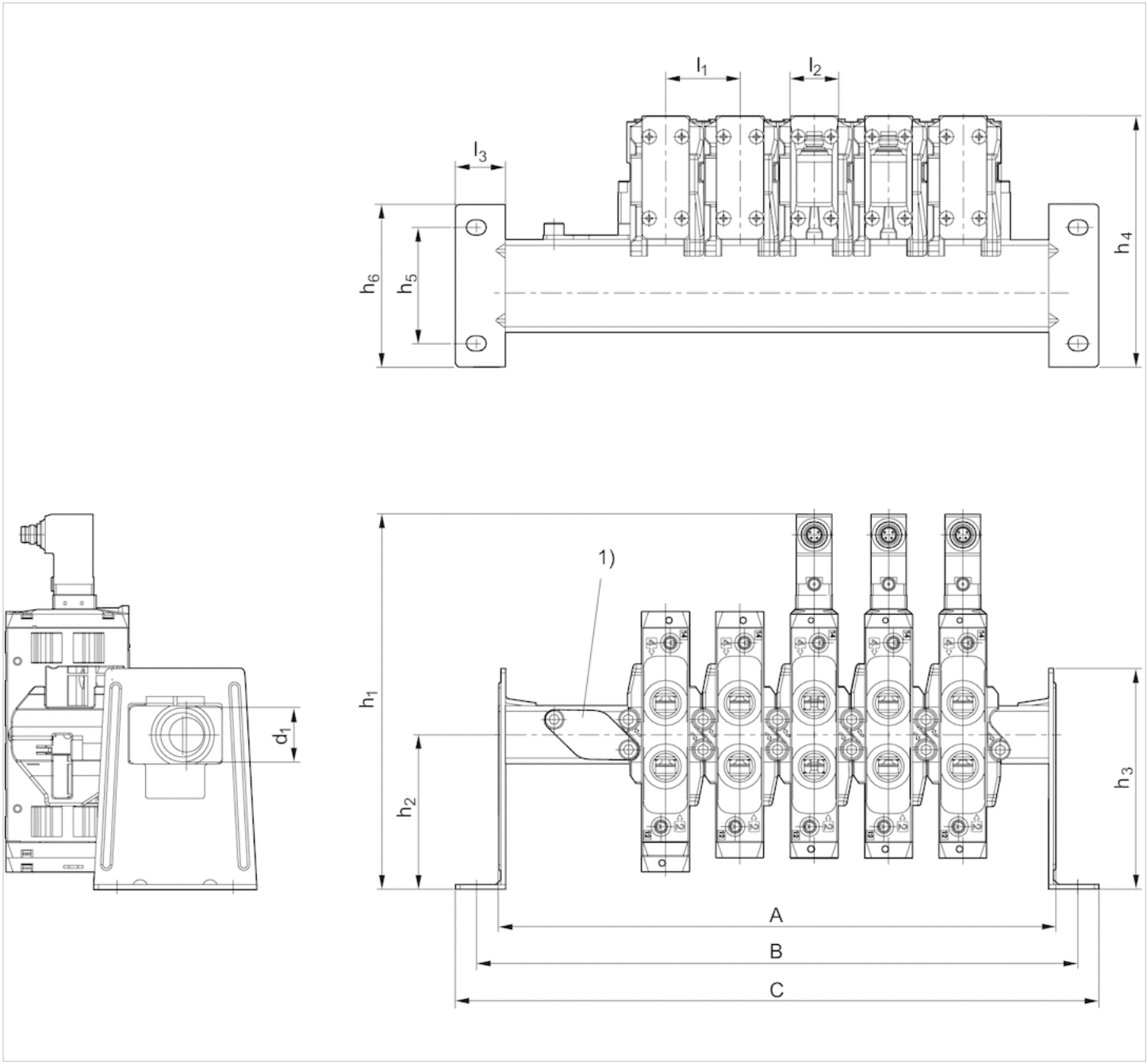
Dimensions

Part No.	n	A	B	C	d1	h1	h2	h3	h4	h5	h6	l1	l2	l3
R422000942	2	112	131	149	G 1/2	132,2	56	95	195,6	50	70	32	21	21,5
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R412012680	8	304	323	341	G 1/2	132,2	56	95	195,6	50	70	32	21	21,5
R412012681	10	368	387	405	G 1/2	132,2	56	95	195,6	50	70	32	21	21,5
R412012682	12	432	451	469	G 1/2	132,2	56	95	195,6	50	70	32	21	21,5
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

n = number of valve positions

Dimensions

Dimensions, P-strip with mounting bracket



Dimensions

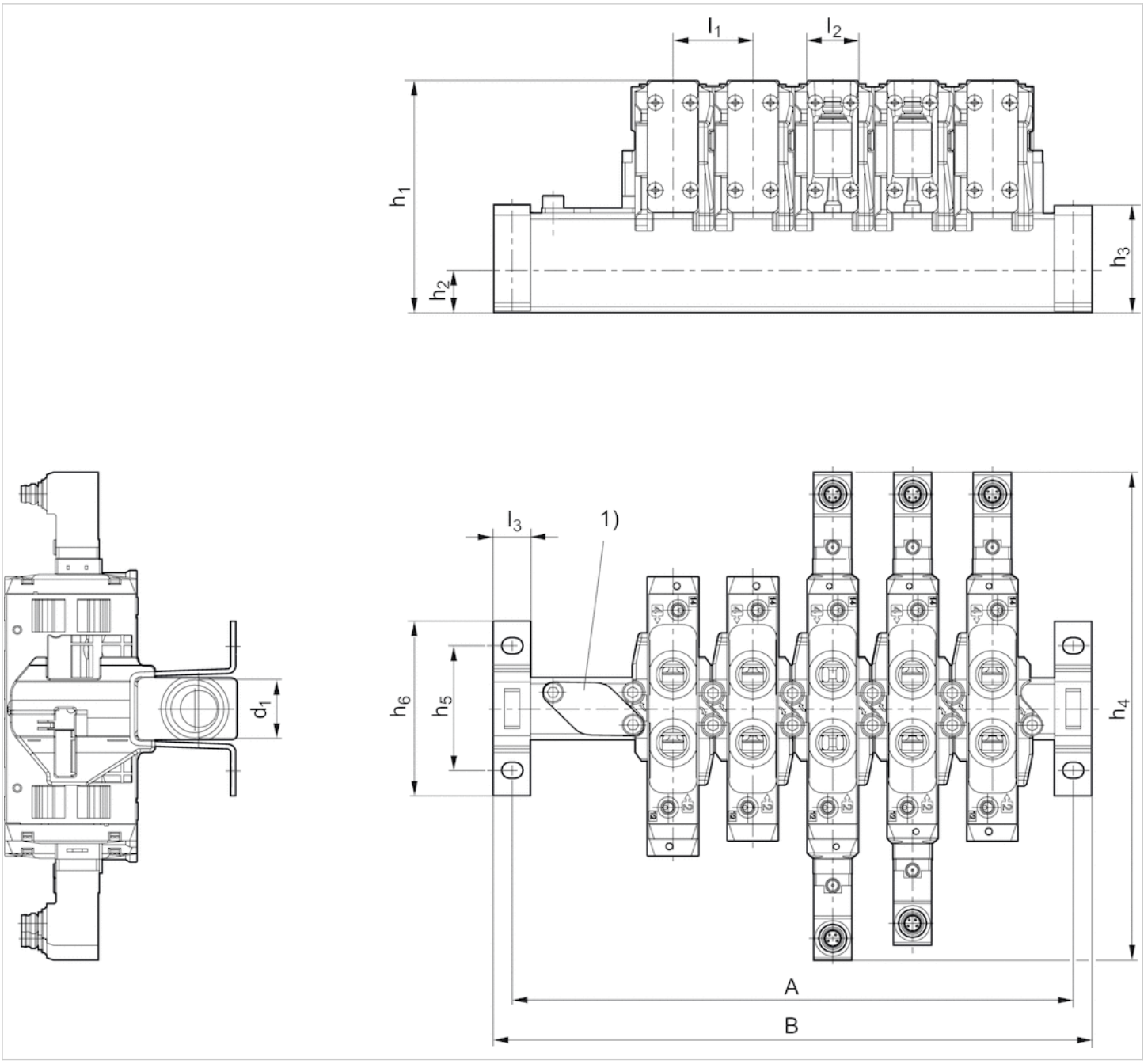
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R422000942	2	112	131	149	G 1/2	161,3	66,5	95	108	50	70	32	21	21,5
R422000943	3	144	163	181	G 1/2	161,3	66,5	95	108	50	70	32	21	21,5
R422000944	4	176	195	213	G 1/2	161,3	66,5	95	108	50	70	32	21	21,5
R422000945	5	208	227	245	G 1/2	161,3	66,5	95	108	50	70	32	21	21,5
R422000946	6	240	259	277	G 1/2	161,3	66,5	95	108	50	70	32	21	21,5
R412012680	8	304	323	341	G 1/2	161,3	66,5	95	108	50	70	32	21	21,5

Part No.	n	A	B	C	d1	h1	h2	h3	h4	h5	h6	l1	l2	l3
R412012681	10	368	387	405	G 1/2	161,3	66,5	95	108	50	70	32	21	21,5
R412012682	12	432	451	469	G 1/2	161,3	66,5	95	108	50	70	32	21	21,5
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

n = number of valve positions

Dimensions

Dimensions, p-strip with support bracket



Dimensions

Part No.	n	A	B	d1	h1	h2	h3	h4	h5	h6	l1	l2	l3
R422000942	2	97	112	G 1/2	93,2	17	43,1	195,6	50	70	32	21	15
R422000943	3	129	144	G 1/2	93,2	17	43,1	195,6	50	70	32	21	15
R422000944	4	161	176	G 1/2	93,2	17	43,1	195,6	50	70	32	21	15
R422000945	5	193	208	G 1/2	93,2	17	43,1	195,6	50	70	32	21	15
R422000946	6	225	240	G 1/2	93,2	17	43,1	195,6	50	70	32	21	15
R412012680	8	289	304	G 1/2	93,2	17	43,1	195,6	50	70	32	21	15
R412012681	10	353	368	G 1/2	93,2	17	43,1	195,6	50	70	32	21	15
R412012682	12	417	432	G 1/2	93,2	17	43,1	195,6	50	70	32	21	15
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-

n = number of valve positions