

Single subbase, thread connections on the side

1825503143



Technical data

Industry
Industrial

Type
Base plate

Direction of pneumatic port (1)
On the side

Compressed air connection input
G 1/4

Direction of pneumatic port (2,4)
On the side

Compressed air connection output
G 1/4

Direction of pneumatic port (3,5)
On the side

Frame size
ISO 1

Standards
ISO 5599-1

Port exhaust
G 1/4

Exhaust type
Ports separated

Exhaust (3,5)
With directional exhaust (3/5)

Direction of pneumatic port (12)
On the side

Compressed air connection 12
G 1/8

Direction of pneumatic port (14)
On the side

Compressed air connection 14
G 1/8

Working pressure min.
-0.95 bar

Working pressure max
16 bar

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Min. ambient temperature
-25 °C

Max. ambient temperature
70 °C

Min. medium temperature
-25 °C

Max. medium temperature
70 °C

Medium
Compressed air

Max. number of valve positions
1

Grid dimension
48 mm

Weight
0.17 kg

Material

Material base plate
Die-cast aluminum

Part No.
1825503143

Technical information

For use with HV series valves, the ambient temperature is -25 °C...200 °C and the medium temperature is -25 °C...120 °C.

Reversed pressure supply is not permitted for HV series valves.

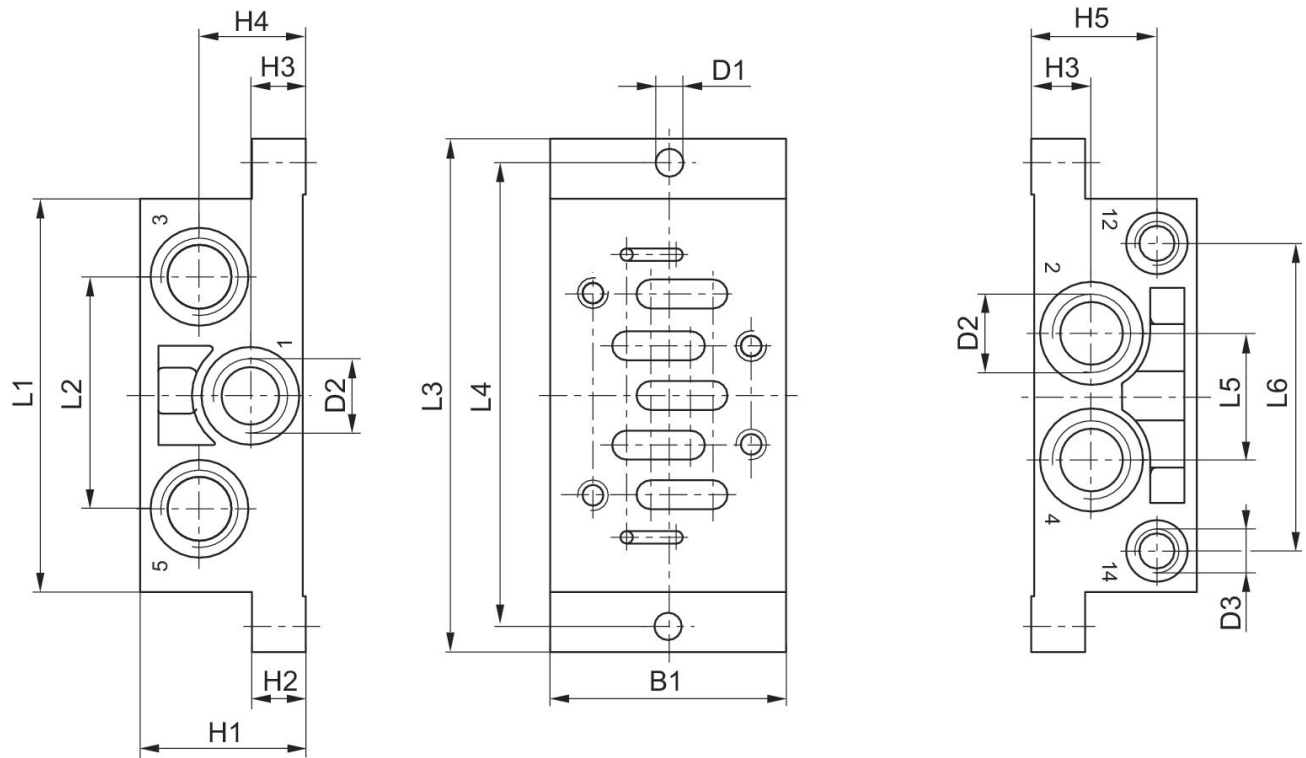
The min. control pressure must be adhered to, since otherwise faulty switching and valve failure may result!

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 <https://www.emerson.com/en-us/support>).

Fig. 1



Part No.	Frame size	B1	H1	H2	H3	H4	H5	D1	D2 *)
1825503143	ISO 1	48	32	10	11,5	21.5	23.5	5.5	G 1/4
1825503146	ISO 1	57	40	13	14	26	30	6.6	G 3/8
1825503149	ISO 1	71	32	18	17	17	22	6.6	G 1/2

D3 *)	L1	L2	L3	L4	L5	L6
G 1/8	84	43	110	98	24	58
G 1/8	95	56	124	112	30	74
G 1/8	119	68	149	136	32	90

*) Ports