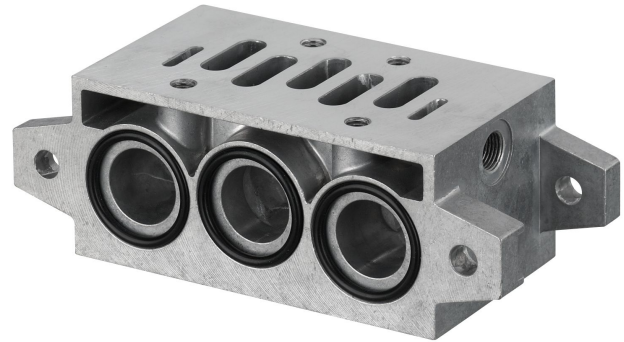




Technical data

Industry

Industrial

Type

Base plate

Direction of pneumatic port (1)

On the side

Direction of pneumatic port (2,4)

Down

Compressed air connection output

G 1/4

Direction of pneumatic port (3,5)

On the side

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

Pilot control exhaust

With collective pilot air exhaust

Frame size

ISO 1

Standards

ISO 5599-1

Min. working pressure

-0.95 bar

Max. working pressure

16 bar

Min. ambient temperature

-25 °C

Base plate, ports 2 and 4 on bottom

2024-08-15

1825503144

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	43 mm
Mounting screw	hexagon head
Weight	0.246 kg

Material

Housing material	Die-cast aluminum
Material base plate	Die-cast aluminum
Seal material	Acrylonitrile butadiene rubber
Part No.	1825503144

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 less than ambient and medium temperature and may not exceed 3 °C.

The oil content of compressed air must remain constant during the life cycle.

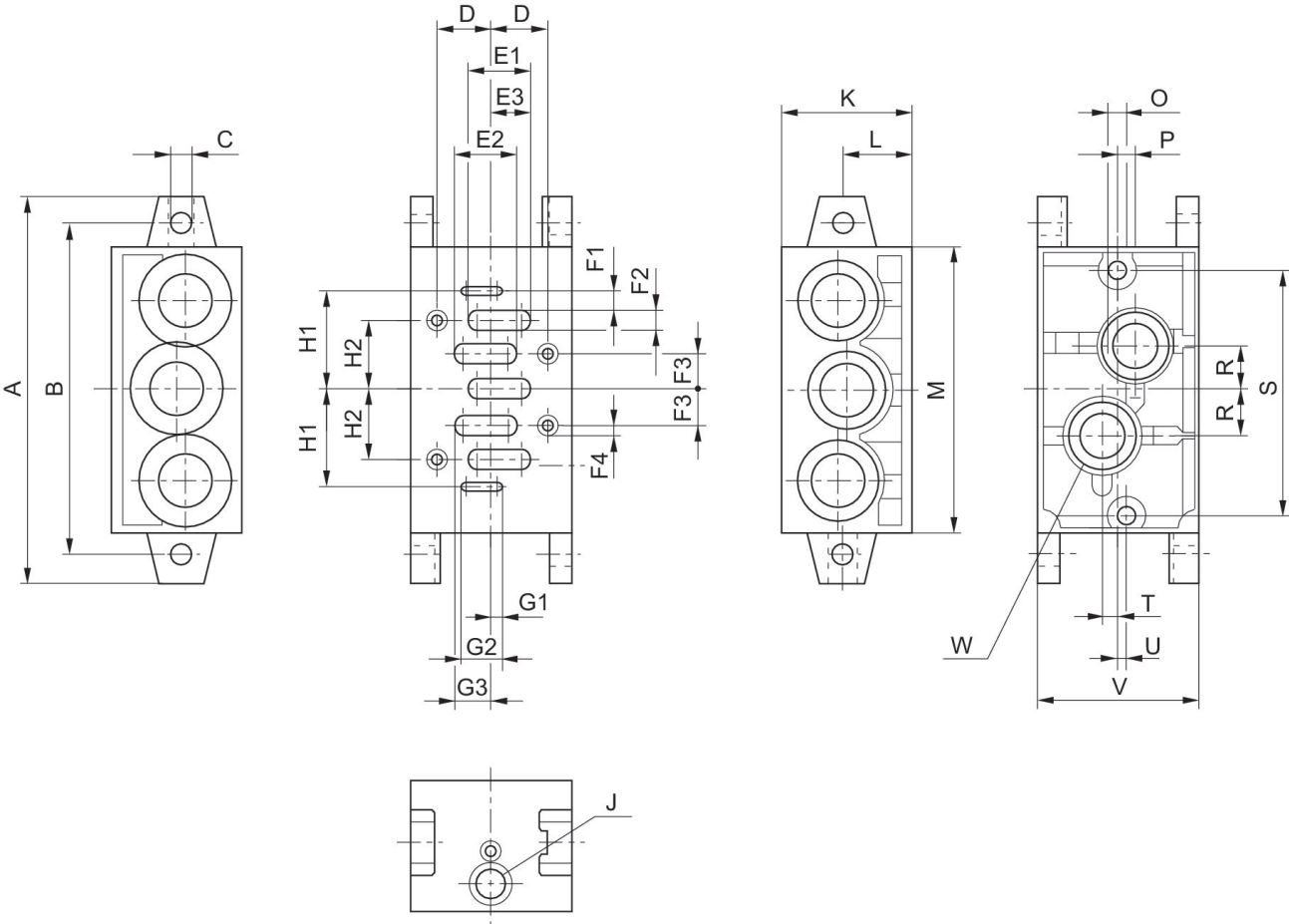
Use only the approved oils from AVENTICS. Further information can be found in the "Technical information" document (available in <https://www.emerson.com/en-us/support>).

Base plate, ports 2 and 4 on bottom

1825503144

2024-08-15

Dimensions



Part No.	A	B	C	D	E1	E2	E3	F1	F2
1825503144	110	95	5,5	14	16,5	16,5	11,25	3	4,5
1825503147	135	115	6,6	19	22	22	13,5	3	7
1825503150	190	168	9	24	29	29	16,5	4	10

F3	F4	G1	G2	G3	H1	H2	J	K	L
9	M5	3	13,5	11,25	26,5	18	G 1/8	44	22
12	M6	3	14,5	13,5	34	24	G 1/8	45	24
16	M8	4	17,5	16,5	45	32	G 1/8	54	25

M	O	P	R	S	T	U	V	W
85	M5	7,5	13	71	1,5	3	43	G 1/4
100	M6	6	15	86	5	3	56	G 3/8
140	M8	8	19	130	6	3	71	G 1/2