



Technical data

Industry

Industrial

Type

Base plate

Direction of pneumatic port (2,4)

Down

Compressed air connection output

G 1/4

Exhaust type

Ports separated

Exhaust (3,5)

uncollected exhaust

Compressed air connection 14

G 1/8

Frame size

ISO 1

Standards

ISO 5599-1

Min. working pressure

-1 bar

Max. working pressure

16 bar

Min. ambient temperature

-20 °C

Max. ambient temperature

70 °C

Min. medium temperature

-20 °C

Max. medium temperature

70 °C

Medium

Compressed air

Max. particle size

50 µm

Min. oil content of compressed air

40 mg/m³

Base plate, ports 2 and 4 on bottom

2024-08-15

5801750000

Max. oil content of compressed air	400 mg/m ³
------------------------------------	-----------------------

Max. number of valve positions	1
--------------------------------	---

Weight	0.27 kg
--------	---------

Material

Material base plate	Die-cast aluminum
---------------------	-------------------

Surface base plate	black painted
--------------------	---------------

Seal material	Acrylonitrile butadiene rubber
---------------	--------------------------------

Part No.	5801750000
----------	------------

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.

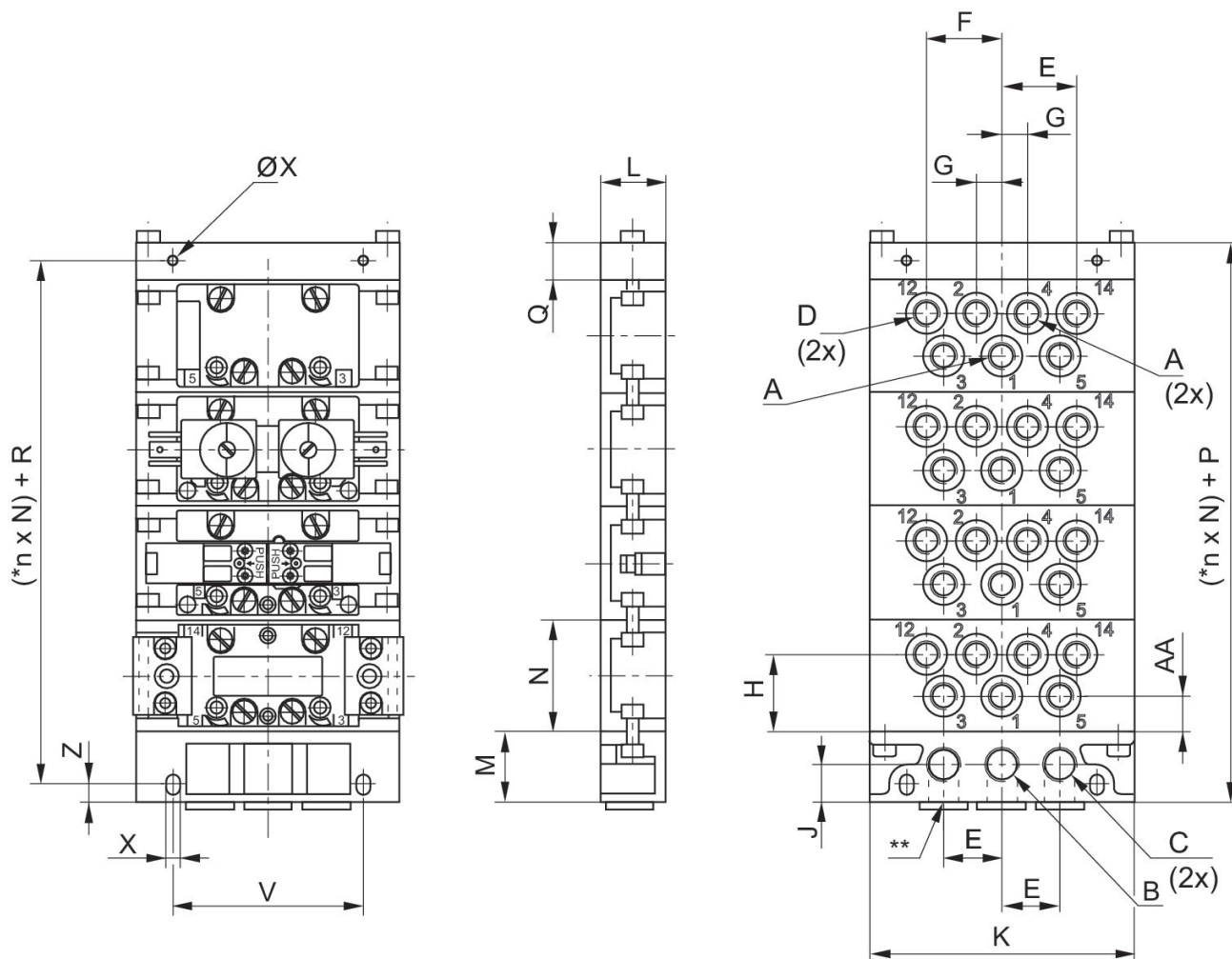
Use only the approved oils from AVENTICS. Further information can be found in the "Technical information" document (available in <https://www.emerson.com/en-us/support>).

Base plate, ports 2 and 4 on bottom

2024-08-15

5801750000

Dimensions



* n = Number of subbases. ** Alternative port openings, closed with plugs

Part No.	*		A	B	C	D	E	F	G
5801720000	a	ISO 1	G 1/8	G 1/4	G 1/4	G 1/8	22	28.5	9.5
5801750000	b	ISO 1	G 1/4	G 3/8	G 3/8	G 1/8	27	40	12.5
5801780000	b	ISO 1	$\varnothing 8$	G 3/8	G 3/8	$\varnothing 6$	27	40	12.5
5801820000	a	ISO 1	$\varnothing 6$	G 1/4	G 1/4	$\varnothing 4$	22	28.5	9.5
5802720000	b	ISO 2	G 1/4	G 3/8	G 3/8	G 1/8	27	39	13.5
5802750000	c	ISO 2	G 3/8	G 1/2	G 1/2	G 1/8	36	52	17
5802820000	b	ISO 2	$\varnothing 8$	G 3/8	G 3/8	$\varnothing 6$	27	39	13.5
5803720000	c	ISO 3	G 3/8	G 1/2	G 1/2	G 1/8	36	50	18
5803750000	d	ISO 3	G 1/2	G 3/4	G 3/4	G 1/8	44	62	20.5

H	J	K	L	M	N	P	Q	R	V
29.5	14.5	100	25	27	43	41	14	27.5	72
26.5	20	122	30	34	43	49	15	34	94
26.5	20	122	30	34	43	49	15	34	94

Base plate, ports 2 and 4 on bottom

2024-08-15

5801750000

H	J	K	L	M	N	P	Q	R	V
29.5	14.5	100	25	27	43	41	14	27.5	72
38	20	122	30	34	56	49	15	34	94
33	22	156	37	39	56	59	20	40	118
38	20	122	28	34	56	49	15	34	94
46	22	156	36	39	71	59	20	40	118
42	24	190	40	44	71	64	20	45	146

X	Z	AA
5.4	7	8
6.4	8	10
6.4	8	10
5.4	7	13.5
6.4	8	18
8.4	10	13
6.4	8	18
8.4	10	–
8.4	10	–

* Intermediate plates designated with the same letters (a-d) can be mounted together without a transition plate.