

End plate left, End plate right

- standard ISO 5599-1
- Frame size ISO 1
- type G
- Can be assembled into blocks
- Base plate principle, multiple
- Reversed pressure supply permissible



Standards

Compressed air connection
Working pressure min./max.
Ambient temperature min./max.
Medium temperature min./max.
Medium
Direction of pneumatic port (1)
Direction of pneumatic port (3,5)
Exhaust (3,5)
Exhaust type
Weight

ISO 5599-1

according to ISO 5599-1
-1 ... 16 bar
-20 ... 70 °C
-20 ... 70 °C
Compressed air
Both directions possible
Both directions possible
uncollected exhaust
Ports separated
0,26 kg

An example configuration is illustrated.
The delivered product may thus deviate from the illustration.

Technical data

Part No.	Compressed air connection Input [1]	Compressed air connection Exhaust [3 / 5]
5801510000	G 3/8	G 3/8

Delivered in pairs with all ports closed. Porting can be in end, top, or bottom (both ends). Porting is selected by drilling through dimensions B*, B1*, or U* on drawing below., Scope of delivery incl. seal and mounting screws

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.

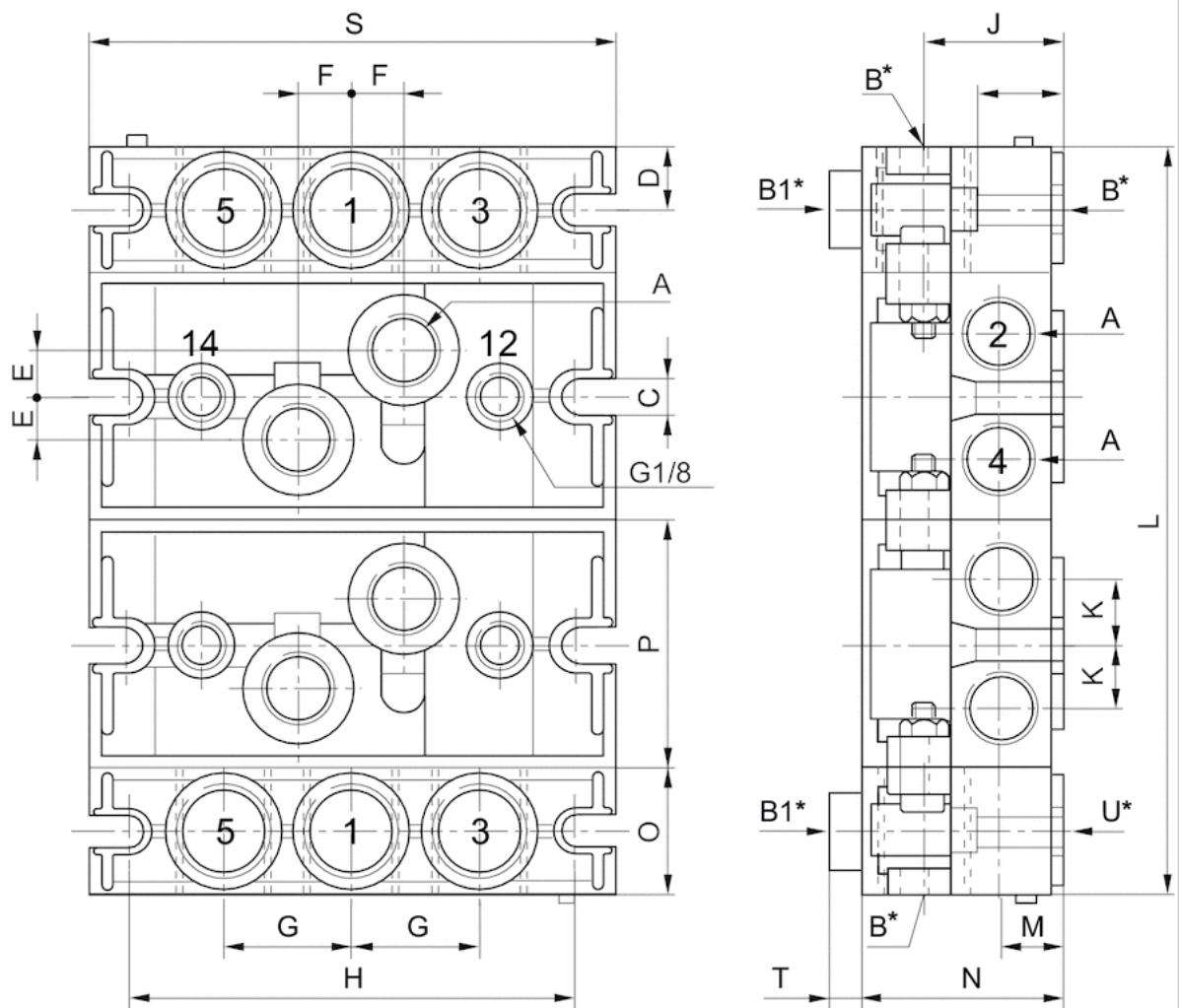
Use only the approved oils from AVENTICS. Further information can be found in the "Technical information" document (available in the MediaCentre).

Technical information

Material	
Base plate	Die-cast aluminum
Seal	Acrylonitrile butadiene rubber

Dimensions

Dimensions



Dimensions

Part No.		A	B*	B1*	C	D	E	F	G	H	J	K	L	M
5801510000	ISO 1	2 x G 1/4	3 x G 3/8	3 x G 1/4	5.5	11	5.5	9	22	92	24	12	n x 43 + 44	12
N	O	P	R	S	T	U*								
36	22	45.7	17	106	8	3 x G 3/8								

n = number of subbases

*Dimensions B, B1, and U are prepared with threaded connections but must be drilled through as required for the desired porting configuration.

Efficient pneumatic solutions, our program: cylinders and drives, valves and valve systems, air supply management



Visit us: [Emerson.com/Aventics](https://www.emerson.com/Aventics)

Your local contact: [Emerson.com/contactus](https://www.emerson.com/contactus)



Emerson.com



Facebook.com/EmersonAutomationSolutions



LinkedIn.com/company/Emerson-Automation-Solutions



Twitter.com/EMR_Automation

An example configuration is depicted on the title page. The delivered product may thus vary from that in the illustration. Subject to change. This Document, as well as the data, specifications and other information set forth in it, are the exclusive property of AVENTICS GmbH. It may not be reproduced or given to third parties without its consent. Only use the AVENTICS products shown in industrial applications. Read the product documentation completely and carefully before using the product. Observe the applicable regulations and laws of the respective country. When integrating the product into applications, note the system manufacturer's specifications for safe use of the product. The data specified only serve to describe the product. No statements concerning a certain condition or suitability for a certain application can be derived from our information. The information given does not release the user from the obligation of own judgement and verification. It must be remembered that the products are subject to a natural process of wear and aging.

The Emerson logo is a trademark and service mark of Emerson Electric Co. Brand logotype are registered trademarks of one of the Emerson family of companies. All other marks are the property of their respective owners. © 2020 Emerson Electric Co. All rights reserved.
2020-12



CONSIDER IT SOLVED™