

Valve systems → Valve systems

Valve system, Series CL03

► Qn Max. = 850 l/min ► Connection with diagnosis (DDL) ► suitable for use in food processing



00129033

Certificates

CE declaration of conformity, EHEDG certified

Version

Link structure DDL

Blocking principle

Single base plate principle

Working pressure min./max.

-0.95 bar / 10 bar

Control pressure min./max.

2.5 bar / 10 bar

Ambient temperature min./max.

+0 °C / +50 °C

Medium temperature min./max.

+0 °C / +50 °C

Medium

Compressed air

Max. particle size

5 µm

Oil content of compressed air

0 mg/m³ - 5 mg/m³

Protection class, with plug

IP 66K, IP 67, IP 69K

Number of valve positions

16

Number of solenoid coils

32

Operational voltage electronics

24 V DC

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

Technical Remarks

- 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 air pressure must remain constant during the life cycle.
- Use only the approved oils from Bosch Rexroth, see chapter „Technical information“.
- See the following pages on the series for technical data on individual components.

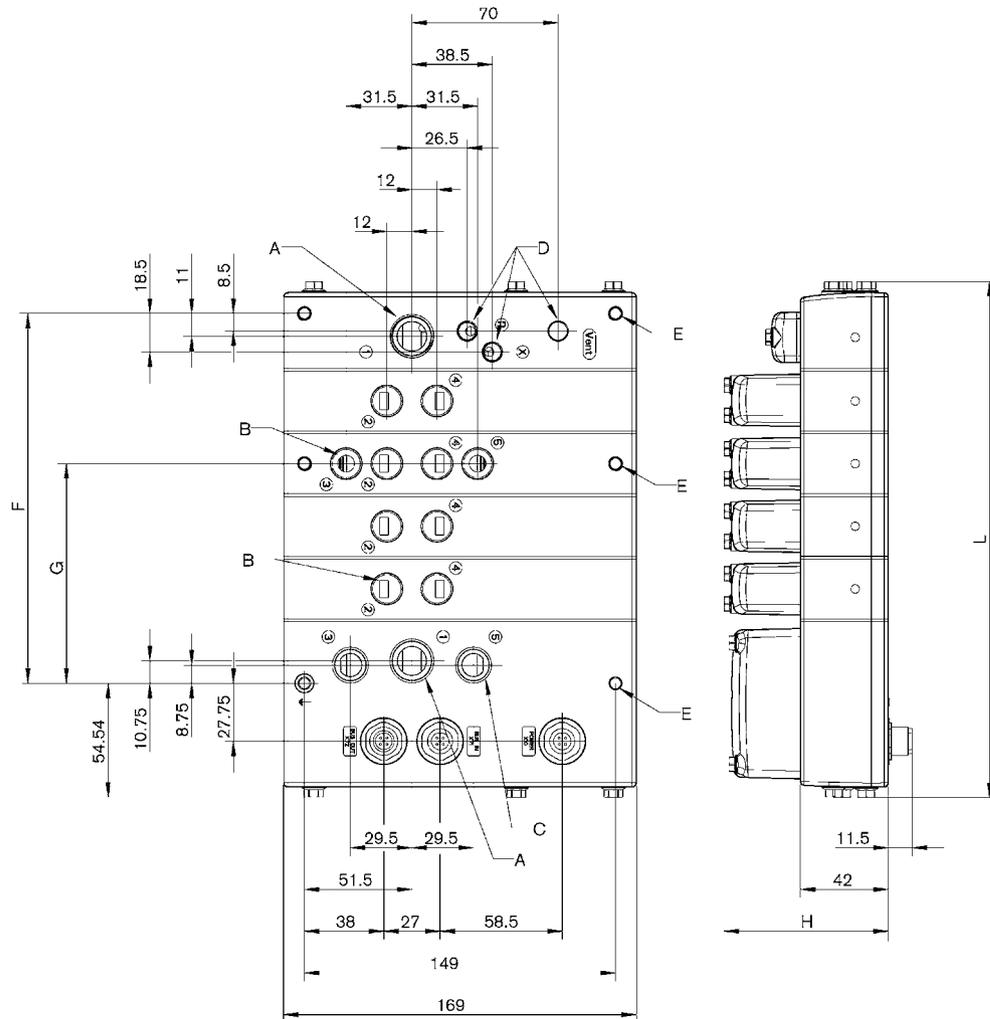
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Dimensions in mm



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A = connection port 1: G 1/2

B = outlet ports 2 and 4: G 1/4 ports 3 and 5 in 4-ported subbases: G 1/4

C = connection ports 3 and 5: G 3/8

D = external supply and exhaust for pilot valves and ventilation port: G 1/8

E = mounting thread M6, max. thread depth 15 mm

F = 56.9 + number of subbases x 29.7

G = 15.1 + position of subbase x 29.7

L = 127 + number of subbases x 29.7

H = 78.5 (IP69K version)

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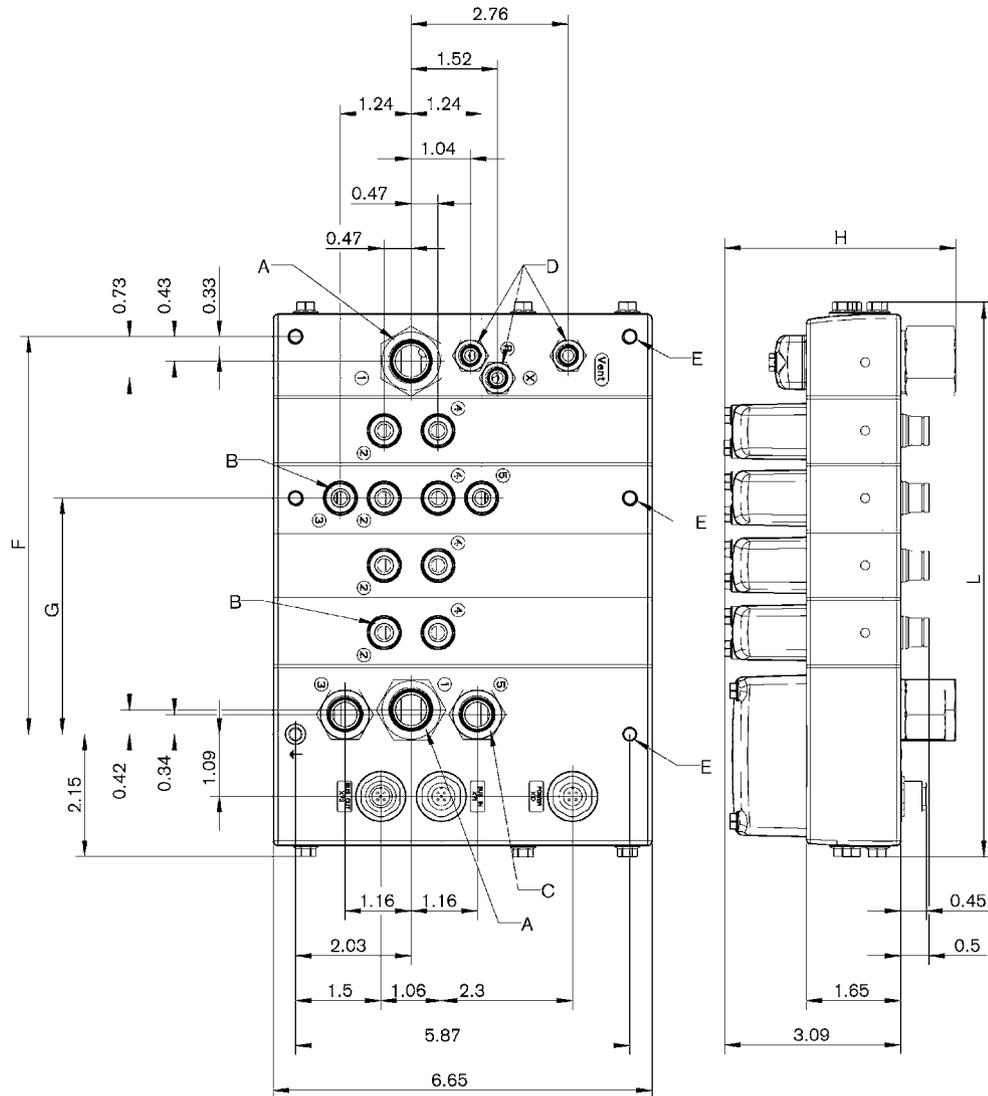
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Dimensions in inches



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A = connection port 1: NPT 1/2

B = outlet ports 2 and 4: cartridge insert for 5/16" tubing. Ports 3 and 5 in 4-ported subbases: cartridge insert for 5/16" tubing

C = connection ports 3 and 5: NPT 3/8

D = external supply and exhaust for pilot valves and ventilation port: NPT 1/8

E = mounting thread UNC 1/4-20, max. thread depth 0.58"

F = 2.24" + number of subbases x 1.169"

G = 0.595" + position of subbase x 1.169"

L = 5.004" + number of subbases x 1.169"

H = 4,05" (IP69K version)

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