

- $Q_n = 32 \text{ l/min} \dots 5600 \text{ l/min}$

AVENTICS Series CC01 Check-choke valves

The AVENTICS Series CC check-choke valves are designed for nominal flows from 32 to 5,600 l/min. The different versions are available with a push-in fitting or internal thread.



Technical data

Industry

Port 1

Port 2

direction of throttle

Nominal flow Q_n 1 to 2

Compressed air connection type 1

Compressed air connection type 2

Medium

Min. working pressure

Max. working pressure

Min. ambient temperature

Max. ambient temperature

Min. medium temperature

Max. medium temperature

Weight

Industrial

G 1/2

G 1/2

1 > 2

2 > 1

1650 l/min

Internal thread

Internal thread

Compressed air

0.5 bar

10 bar

0 °C

60 °C

0 °C

60 °C

0.09 kg

Material

Housing material

Aluminum

Surface housing

anodized

Seal material

Acrylonitrile butadiene rubber

Part No.

5341124100

Technical information

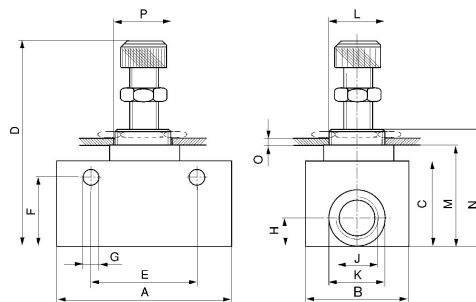
The min. control pressure must be adhered to, since otherwise faulty switching and valve failure may result!

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>).

Dimensions



Part No.	Port G	J	A	B	C	D	E	F	Ø G
5341120000	M5	M5	26	14	16	40-45	18	12.5	4.4
5341121100	G 1/8	G 1/8	32	16	22	44-56	24	18	4.3
5341122100	G 1/4	G 1/4	55	25	32	66-74	35	25	6.4
5341123100	G 3/8	G 3/8	58	30	40	78-93	44	33	6.6
5341124100	G 1/2	G 1/2	68	30	40	77-92	50	33	6.4

Part No.	H	Ø K	L	M	N	O	Ø P
5341120000	6	8.7	M10x1	20	26	2	10.5
5341121100	10	14.4	M12x1	26	33.6	2	12.5
5341122100	12	19.5	M20x1,5	37.8	47.9	3	20.5
5341123100	14	23	M24x1,5	47	57	3	25
5341124100	14	27.5	M24x1,5	47	57	3	25