

ATEX Coaxial Valve TYPE CV06 / CV07



Description:

2/2-way coaxial valves are used to control a medium in a piping system. Coaxial valves of the CV series activate at 0.0 bar.

Product Features:

- Suitable for neutral **gaseous and liquid media (select Option 1 for water)**
- Back-pressure tight up to max. 16 bar
- Flow direction reversible
- Any installation position

Connection:

3/8" DN10, 1/2" DN15

Temperature:

-20°C to 60°C

Pressure:

0.0 bar to 20.0 bar

Type:

2/2-way, direct-acting

Body material:

Brass

Stainless steel 1.4305 / AISI 303

Temperature:

Fluid: -20°C to 60°C

Ambient: -20°C to 60°C

Seal material:

Static: FKM

Dynamic: PTFE

Seat seal: FKM

Pressure range:

Flow direction P -> A: max. 20.0 bar

Flow direction A -> P: max. 16.0 bar

Connection:

Electrical, cable gland M16x1.5

Supply voltage:

230V 50Hz

24 V DC

Voltage tolerance:

+ / - 10% according to VDE 0580

Duty cycle:

100% duty cycle

Explosion protection:

II 2G Ex em II T4

II 2D td A21 IP65 T130°C

Function:

NC – normally closed OR

NO – normally open

Specification:

Technical Data

Threaded connection

DN10

G 3/8"

DN15

G 1/2"

Power consumption*

23 W

30 W

Kv value

2.5 m³/h

5.2 m³/h

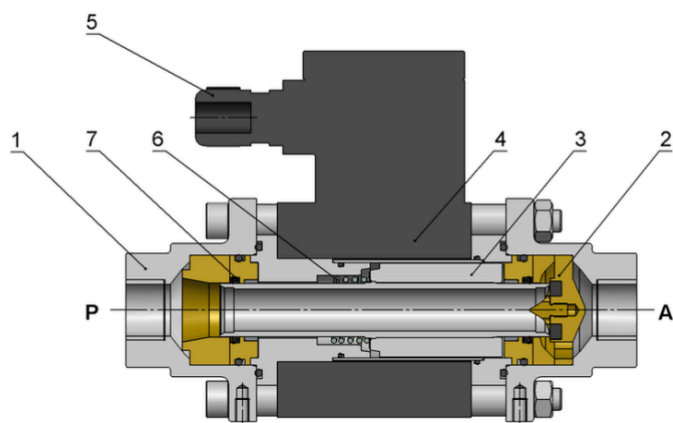
Weight

2.3 kg

4.3 kg

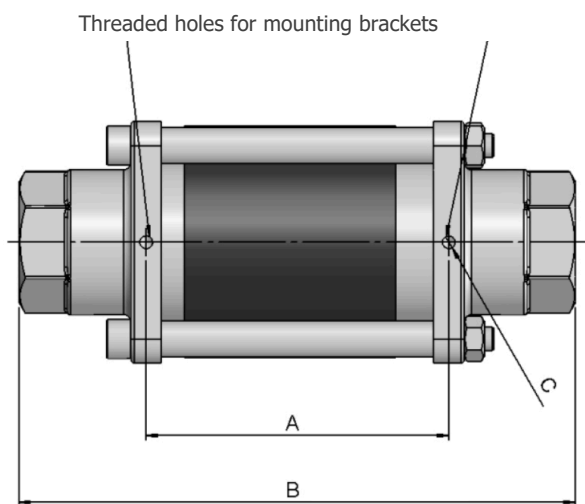
*Power consumption values apply to both the 230 V 50 Hz version and the 24 V DC version

Sectional drawing:

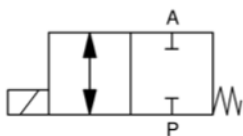


Item	Quantity	Description
1	2	Connector
2	1	Valve seat
3	1	Anchor
4	1	Magnet
5	1	Cable gland
6	1	Spring
7	2	PTFE rod seal

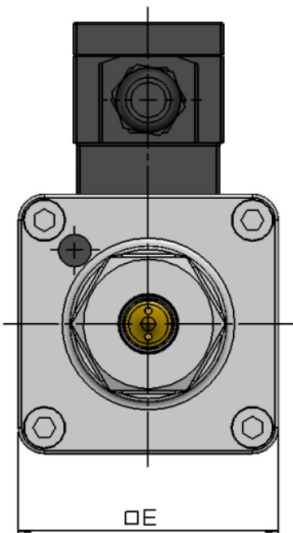
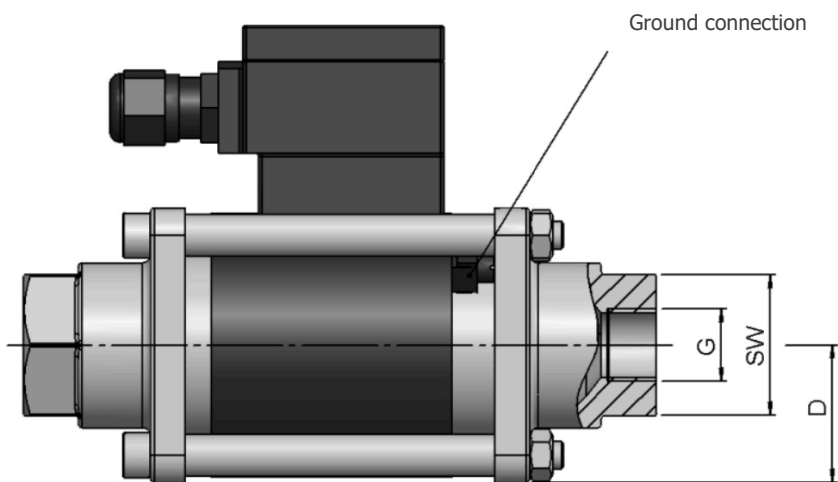
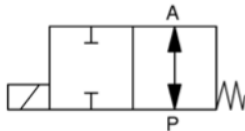
Dimensional drawing (in mm):



Switching function A:
NC (normally closed)



Switching function B:
NO (normally open)



DN	G	SW	A	B	C	D	E
10	3/8"	32	84	159.5	M4	32.5	65
15	1/2"	41	100	184	M5	40	80

Options (upon request):

- Seal made of NBR and EPDM
- Housing material: Stainless steel 1.4571
- Manual override
- Vacuum version
- Mounting bracket
- Higher pressures for 1/2" nominal diameter (DN15)

Part number:

Version	Clamping	Option	Function	Size
CV06 – Brass	00 – 230V 50Hz	0 – Standard	0 – NC normally closed	02 – G 3/8"
CV07 – Stainless Steel	01 – 24V DC	1 – Water	1 – NO normally open	03 – G 1/2"

Example No. CV07010003:

CV07	01	0	0	03
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Stainless steel coaxial valve

Voltage: 24V DC

Option: Standard

Function: NC - normally closed

Size: G 1/2"

Illustration is for reference only; subject to technical and dimensional changes.