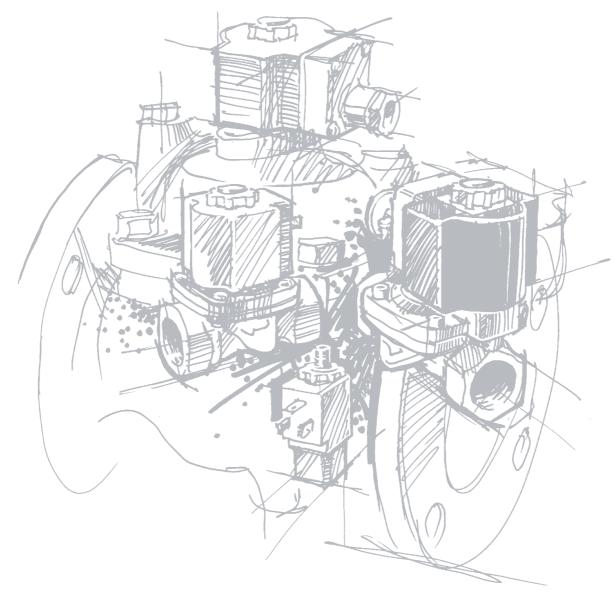
Data sheet



Solenoid valves

2/2-way direct-operated

Type EV210B





De-energized closed

Type EV210B NC for neutral liquids and gases DN 1.5 - 25 B

G 1/2 - G

Features



- For robust industrial application, such as control and dosage
- For water, oil, compressed air and similar neutral media
- Kv-value up to 8.0 m³/h
- Differential pressure: Up to 30 bar
- Viscosity: Up to 50 cSt
- Ambient temperature: Up to +80°C
- Coil enclosure: Up to IP 67
- Thread connections: From G ¹/_s to G 1
- Also available with NPT thread. Please contact Danfoss
- The valves can be used for rough vacuum

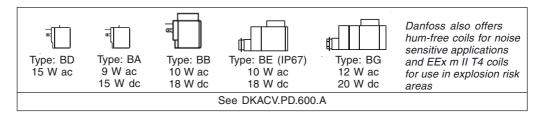
Technical data

| Туре | EV210B | EV210B | EV210B | EV210B | EV210B | EV210B | EV210B | | |
|---------------------|------------------------|---|-------------|---|--------------------------------------|---------------|----------|--|--|
| | 1.5-2 B | 3-4.5 B | 6 B | 8-10 B | 15 B | 20 B | 25 B | | |
| Installation | Optional, | , but vertical | solenoid | system is r | system is recommended (see PT.600.A) | | | | |
| Pressure range | 0 - 30 ba |) - 30 bar | | | | | | | |
| Max. test pressure | 50 bar | 50 bar | 50 bar | 50 bar | 12 bar | 12 bar | 12 bar | | |
| Tightness | Internally External | nternally: Better than 8.3 x 10-2 mbar 1/sec (5 ccm air per min) externally: Better than 1 x 10-3 mbar 1/sec (100% He) | | | | | | | |
| Time to open | 10 ms | 20 ms | 20 ms | 20 ms | 30 ms | 40 ms | 40 ms | | |
| Time to close | 20 ms | 20 ms | 20 ms | 30 ms | 50 ms | 50 ms | 70 ms | | |
| Ambient temperature | Max. +80 | 0°C (depend | ling on coi | I type, see | data for the | e coil select | ted) | | |
| Medium temperature | See spe | cific valve d | ata | | | | | | |
| Viscosity | max. 50 | cSt | | | | | | | |
| Materials | Valve bo | dy: | | Brass | W.no. 2.04 | 102 | | | |
| | Armature | ə: | | Stainless | steel:W.no. | . 1.4105/AIS | SI 430FR | | |
| | Armature | tube: | | Stainless | steel W.no. | . 1.4306/AIS | SI 304L | | |
| | Armature | e stop: | • | Stainless steel W.no. 1.4105/AISI 430FR | | | | | |
| | Springs: | | | Stainless steel W.no. 1.4310/AISI 301 | | | | | |
| | Seal mat | erial: | | See specific valve data | | | | | |

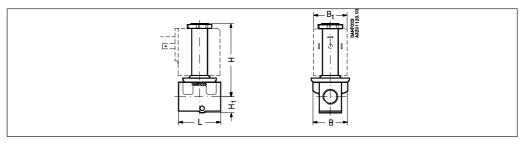
¹) The times are indicative and apply to water. The exact times will depend on

The exact times will depend on the pressure conditions.

Coil options



Dimensions and weight



| T | L | В | | B ₁ [mm] | | H₁ | Н | Weight without |
|---------------|------|------|--------------------|---------------------|-----------------|------|-------|----------------|
| Туре | [mm] | [mm] | Coil type BA/BD | Coil type BB/BE | Coil type BG | [mm] | [mm] | coil [kg] |
| EV210B 1.5/2B | 35.0 | 34.0 | 32 | 46 | 66 | 12.0 | 70.0 | 0.15 |
| EV210B 3/4.5B | 38.0 | 34.0 | 32 | 46 | 66 | 13.0 | 71.0 | 0.20 |
| EV210B 6B | 45.5 | 43.5 | 32 | 46 | 66 | 13.0 | 74.0 | 0.22 |
| EV210B 8/10B | 49.0 | 48.0 | 32 | 46 | 66 | 13.0 | 77.0 | 0.29 |
| EV210B 15B | 58.0 | 53.0 | 32 | 46 | 66 | 15.0 | 80.0 | 0.45 |
| EV210B 20B | 90.0 | 58.0 | 32 | 46 | 66 | 23.0 | 100.0 | 1.10 |
| EV210B 25B | 90.0 | 58.0 | 32 | 46 | 66 | 23.0 | 100.0 | 1.10 |

2 DKACV.PD.200.A5.02 ä Danfoss A/S 02-2003



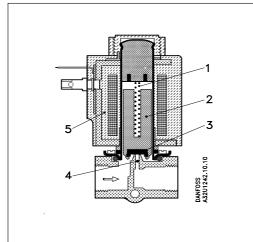
G ¹/₈ - G1

Type EV210B NC for neutral liquids and gases DN 1.5 - 25 B

De-energized closed



Function



Coil voltage disconnected (closed):

When the voltage is disconnected, the armature (2) with the valve plate (3) is pressed down against the valve orifice (4) by the closing spring (1) and the medium's pressure. The valve will be closed for as long as the voltage to the coil is disconnected.

Coil voltage connected (open):

When voltage is applied to the coil (5), the armature (2) with the valve plate (3) is lifted clear of the valve orifice (4).

of the valve orifice (4).
The valve is now open for unimpeded flow and will be open for as long as there is voltage to the coil.

1. Closing spring
2. Armature
3. Valve plate
4. Valve orifice
5. Coil

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De-energized closed

Type EV210B NC for neutral liquids and gases DN 1.5 - 25 B

G 1/8 - G

EV210B NC versions for AC and DC: Brass bodies

| Conn: | Seal | Kv | DN | Media | a temp | Type des | signation | Code no. | Permis | sible dif | ferential | pressu | re (Bar) | / Coil ty | /pe*** |
|-------------------------------|--------------|--------------|--------------|--------------|----------------|------------------------------|------------------------------|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | material | | | Min. | Max. | Main type | Specification | without coil | В | A | BD | В | В | В | iG. |
| | | m³/h | mm | °C | °C | | | | 9W a.c. | 15W d.c. | 15W a.c. | 10W a.c. | 18W d.c. | 12W a.c. | 20W d.c. |
| G¹/ ₈ | EPDM* FKM | 0.08 | 1.5 1.5 | - 30 - 10 | + 120 + 100 | EV210B 1.5 B EV210B 1.5 B | G 18 E NC000 G 18 F NC000 | 032U5701 032U5702 | 30.0 30.0 |
| G ¹ / ₈ | EPDM* | 0.15 | 2.0 | - 30 | + 120 | EV210B 2.0 B | G 18 E NC000 | 032U5714 | 30.0 | 20.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 |
| | FKM | 0.15 | 2.0 | - 10 | + 100 | EV210B 2.0 B | G 18 F NC000 | 032U5704 | 30.0 | 20.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 |
| G¹/ ₈ | EPDM* | 0.30 | 3.0 | - 30 | + 120 | EV210B 3.0 B | G 18 E NC000 | 032U5705 | 15.0 | 9.0 | 24.0 | 20.0 | 13.0 | 30.0 | 25.0 |
| | FKM | 0.30 | 3.0 | - 10 | + 100 | EV210B 3.0 B | G 18 F NC000 | 032U5706 | 15.0 | 9.0 | 24.0 | 20.0 | 13.0 | 30.0 | 25.0 |
| G¹/ ₄ | EPDM* | 0.15 | 2.0 | - 30 | + 120 | EV210B 2.0 B | G 14 E NC000 | 032U5707 | 30.0 | 20.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 |
| | FKM | 0.15 | 2.0 | - 10 | + 100 | EV210B 2.0 B | G 14 F NC000 | 032U5708 | 30.0 | 20.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 |
| G¹/ ₄ | EPDM* | 0.30 | 3.0 | - 30 | + 120 | EV210B 3.0 B | G 14 E NC000 | 032U5709 | 15.0 | 9.0 | 24.0 | 20.0 | 13.0 | 30.0 | 25.0 |
| | FKM | 0.30 | 3.0 | - 10 | + 100 | EV210B 3.0 B | G 14 F NC000 | 032U5710 | 15.0 | 9.0 | 24.0 | 20.0 | 13.0 | 30.0 | 25.0 |
| G¹/ ₄ | EPDM* | 0.55 | 4.5 | - 30 | + 120 | EV210B 4.5 B | G 14 E NC000 | 032U3600 | 8.0 | 3.5 | 12.0 | 10.0 | 4.5 | 13.0 | 9.0 |
| | FKM | 0.55 | 4.5 | - 10 | + 100 | EV210B 4.5 B | G 14 F NC000 | 032U3601 | 8.0 | 3.5 | 12.0 | 10.0 | 4.5 | 13.0 | 9.0 |
| G¹/ ₄ | EPDM* | 0.70 | 6.0 | - 30 | + 120 | EV210B 6.0 B | G 14 E NC000 | 032U3602 | 2.5 | 1.0 | 3.3 | 4.0 | 2.0 | 6 | 4.5 |
| | FKM | 0.70 | 6.0 | - 10 | + 100 | EV210B 6.0 B | G 14 F NC000 | 032U3603 | 2.5 | 1.0 | 3.3 | 4.0 | 2.0 | 6 | 4.5 |
| G ³ / ₈ | EPDM* | 0.55 | 4.5 | - 30 | + 120 | EV210B 4.5 B | G 38 E NC000 | 032U3605 | 8.0 | 3.5 | 12.0 | 10.0 | 4.5 | 13.0 | 9.0 |
| | FKM | 0.55 | 4.5 | - 10 | + 100 | EV210B 4.5 B | G 38 F NC000 | 032U3606 | 8.0 | 3.5 | 12.0 | 10.0 | 4.5 | 13.0 | 9.0 |
| G³/ ₈ | EPDM | 0.70 | 6.0 | - 30 | + 120 | EV210B 6.0 B | G 38 E NC000 | 032U3607 | 2.5 | 1.0 | 3.3 | 4.0 | 2.0 | 6 | 4.5 |
| | FKM | 0.70 | 6.0 | - 10 | + 100 | EV210B 6.0 B | G 38 F NC000 | 032U3608 | 2.5 | 1.0 | 3.3 | 4.0 | 2.0 | 6 | 4.5 |
| G ³ / ₈ | EPDM FKM | 1.00 1.00 | 8.0 8.0 | - 30 - 10 | + 120 + 100 | EV210B 8.0 B EV210B 8.0 B | G 38 E NC000 G 38 F NC000 | 032U3609 032U3610 | 1.5 1.5 | 0.5 0.5 | 2.0 2.0 | 2.0 2.0 | 1.2 1.2 | 3 | 2.5 2.5 |
| G ³ / ₈ | EPDM | 1.50 | 10.0 | - 30 | + 120 | EV210B 10 B | G 38 E NC000 | 032U3611 | 0.8 | 0.3 | 1.1 | 1.2 | 0.6 | 1.6 | 1.3 |
| | FKM | 1.50 | 10.0 | - 10 | + 100 | EV210B 10 B | G 38 F NC000 | 032U3612 | 0.8 | 0.3 | 1.1 | 1.2 | 0.6 | 1.6 | 1.3 |
| G ³ / ₈ | EPDM FKM | 2.50 2.50 | 15.0 15.0 | - 30 - 10 | + 120 + 100 | EV210B 15 BD EV210B 15 BD | G 38 E NC000 G 38 F NC000 | 032U3613 032U3614 | 0.25 0.25 | - | 0.4 0.4 | 0.3 0.3 | 0.15 0.15 | 0.45 0.45 | 0.4 0.4 |
| G¹/ ₂ | EPDM | 1.00 | 8.0 | - 30 | + 120 | EV210B 8.0 B | G 12 E NC000 | 032U3615 | 1.5 | 0.5 | 2.0 | 2.0 | 1.2 | 3 | 2.5 |
| | FKM | 1.00 | 8.0 | - 10 | + 100 | EV210B 8.0 B | G 12 F NC000 | 032U3616 | 1.5 | 0.5 | 2.0 | 2.0 | 1.2 | 3 | 2.5 |
| G ¹ / ₂ | EPDM | 1.50 | 10.0 | - 30 | + 120 | EV210B 10 B | G 12 E NC000 | 032U3617 | 0.8 | 0.3 | 1.1 | 1.2 | 0.6 | 1.6 | 1.3 |
| | FKM | 1.50 | 10.0 | - 10 | + 100 | EV210B 10 B | G 12 F NC000 | 032U3618 | 0.8 | 0.3 | 1.1 | 1.2 | 0.6 | 1.6 | 1.3 |
| G ¹ / ₂ | EPDM FKM | 2.85 2.85 | 15.0 15.0 | - 30 - 10 | + 120 + 100 | EV210B 15 BD EV210B 15 BD | G 12 E NC000 G 12 F NC000 | 032U3619 032U3620 | 0.25 0.25 | - | 0.4 0.4 | 0.30 0.30 | 0.15 0.15 | 0.45 0.45 | 0.4 0.4 |
| G ³ / ₄ | EPDM FKM | 4.5 4.5 | 20 20 | - 30 - 10 | + 120 + 100 | EV210B 20 BD EV210B 20 BD | G 34 E NC000 G 34 F NC000 | 032U3621 032U3622 | - | - | - | 0.28 0.28 | 0.12 0.12 | 0.4 0.4 | 0.35 0.35 |
| G1 | EPDM FKM | 8.0 8.0 | 25 25 | - 30 - 10 | + 120 + 100 | EV210B 25 BD EV210B 25 BD | G 1 E NC000 G 1 F NC000 | 032U3623 032U3624 | - | - | - | 0.25 0.25 | 0.09 | 0.35 0.35 | 0.2 |

 $^{^{\}ast}$ 140°C / 3.6 bar low pressure steam, orifice DIN 1.5 - 4.5

- 2/2 Flange version as option
 - Low pressure steam: DN 1.5-3: Use coil type BB or BG

DN 4.5: Use coil type BG

- EPDM versions up to DN 3.0 are WRAS approved
- *** Pressure range can be extended to use in rough vacuum, typically up to 99% vacuum (10 mbar), depending on the application

Ordering - coils

See separate data sheet for coils DKACV.PD.600.A

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^{**} NBR available as option



 $G_{8}^{1} - G_{8}^{1} - G_{4}^{1}$

Type EV210B NO for neutral liquids and gases DN 1.5 - 4.5 B



De-energized open

Features



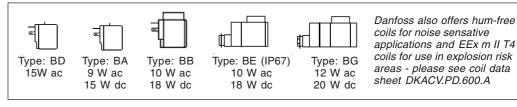
- For robust industrial application, such as control and dosage
- For water, oil, compressed air and similar neutral media
- K, values up to 0.55 m³/h
- Differential pressure: Up to 30 bar
- Viscosity: Up to 50 cSt
- Ambient temperature: Up to +80°C
- Coil enclosure: Up to IP 67
- Thread connections: G ¹/₈ and G ¹/₄
 Also available with NPT thread. Please contact Danfoss.
- The valves can be used for rough vacuum

Technical data

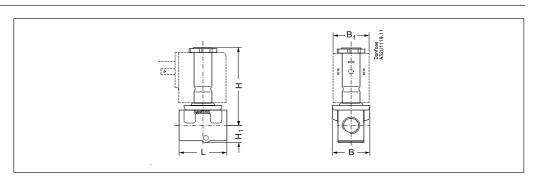
| Installation | Optional, but verti | cal solenoid system is recommended (see PT.600.A) |
|---------------------|---------------------|---|
| Pressure range | 0 to 30 bar | |
| Max. test pressure | 50 bar | |
| Tightness | Internally: | Better than 8.3 x 10-2 mbar 1/sec (5 ccm air per |
| min) | Externally: | Better than 1 x 10-3 mbar 1/sec (100% He) |
| Time to open | 10-30 ms | |
| Time to close 1) | 20 ms | |
| Ambient temperature | max. +80°C (depe | nding on coil type, see data for the coil selected) |
| Medium temperature | See specific valve | data |
| Viscosity | Max. 50 cSt | |
| Materials | Valve body: | Brass, W.no. 2.0402 |
| | Armature: | Stainless steel, W.no.1.4105/AISI 430FR |
| | Armature tube: | Stainless steel, W.no.1.4306/AISI 304L |
| | Armature stop: | Stainless steel, W.no.1.4105/AISI 430FR |
| | Springs: | Stainless steel, W.no.1.4310/AISI 301 |
| | Seal material: | See specific valve data |

¹⁾ The times are indicative and apply to water. The exact times will depend on the pressure conditions.

Coil options



Dimensions and weight



| Туре | L | В | | B ₁ [mm] | | | Н | Weight without |
|-------------------|------|------|--------------------|---------------------|-----------------|------|------|----------------|
| | [mm] | [mm] | Coil type BA/BD | Coil type BB/BE | Coil type BG | [mm] | [mm] | coil [kg] |
| EV210B 1.5/2 B NO | 35.0 | 34.0 | 32 | 46 | 66 | 12.0 | 70.0 | 0.15 |
| EV210B 3/4.5 B NO | 38.0 | 34.0 | 32 | 46 | 66 | 13.0 | 71.0 | 0.2 |

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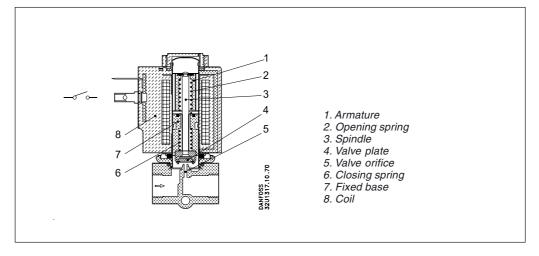
G 1/8 - G1/4

Type EV210B NO for neutral liquids and gases DN 1.5 - 4.5 B

De-energized open



Function



Coil voltage disconnected (open): When the voltage to the coil (8) is disconnected, the valve orifice (5) is open, the opening spring (2) lifting the spindle (3) with the valve plate (4) clear of the orifice. The valve will be open for as long as the supply voltage to the coil is disconnected.

Coil voltage connected (closed):
When voltage is applied to the coil, the magnetic field draws the valve's armature (1) down to touch the fixed base (7). The spindle (3) with the valve plate (4) is now pressed down against the valve orifice (5) by the closing spring (6). The valve will be closed for as long as there is voltage to the coil.

EV210B NO versions for AC and DC current Brass bodies

| Conn: | Seal | Kv | DN | Media | Media temp Type designation | | Code no. | Permissible differential pressure (Bar)/Coil type *** | | | | | e *** | | |
|-------------------------------|------|------|-----|-------|-----------------------------|--------------|---------------|---|------|------|------|------|-------|------|------|
| | mat. | | | Min. | Max. | Main type | Specification | without | | | - | | _ | | |
| | | | | | | | | coil | В | A | BD | В | В | В | G |
| | | | | | | | | | 9W | 15W | 15W | 10W | 18W | 12W | 20W |
| | | m³/h | mm | °C | °C | | | | a.c. | d.c. | a.c. | a.c. | d.c. | a.c. | d.c. |
| G1/8 | EPDM | 0.08 | 1,5 | - 30 | + 120 | EV210B 1,5 B | G 18 E NO000 | 032U3630 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| | FKM | 0.08 | 1,5 | - 10 | + 100 | EV210B 1,5 B | G 18 F NO000 | 032U3631 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| G ¹ / ₈ | EPDM | 0.15 | 2,0 | - 30 | + 120 | EV210B 2,0 B | G 18 E NO000 | 032U3632 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| | FKM | 0.15 | 2,0 | - 10 | + 100 | EV210B 2,0 B | G 18 F NO000 | 032U3633 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| G1/8 | EPDM | 0.30 | 3,0 | - 30 | + 120 | EV210B 3,0 B | G 18 E NO000 | 032U3634 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | FKM | 0.30 | 3,0 | - 10 | + 100 | EV210B 3,0 B | G 18 F NO000 | 032U3635 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| G1/ ₄ | EPDM | 0.15 | 2,0 | - 30 | + 120 | EV210B 2,0 B | G 14 E NO000 | 032U3636 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| | FKM | 0.15 | 2,0 | - 10 | + 100 | EV210B 2,0 B | G 14 F NO000 | 032U3637 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| G1/ ₄ | EPDM | 0.30 | 3,0 | - 30 | + 120 | EV210B 3,0 B | G 14 E NO000 | 032U3638 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | FKM | 0.30 | 3,0 | - 10 | + 100 | EV210B 3,0 B | G 14 F NO000 | 032U3639 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| G ¹ / ₄ | EPDM | 0.55 | 4,5 | - 30 | + 120 | EV210B 4,5 B | G 14 E NO000 | 032U3640 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | FKM | 0.55 | 4,5 | - 10 | + 100 | EV210B 4,5 B | G 14 F NO000 | 032U3641 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |

^{**} NBR available as option

Ordering - coils

See separate data sheet for coils DKACV.PD.600.A

^{***}Pressure range can be extended to use in rough vacuum, typically up to 99% vacuum (10 mbar), depending on the application





De-energized closed

Type EV210B NC for aggressive liquids and gases DN 1.5 - 4.5 SS

G 1/8 - G 1/

Features



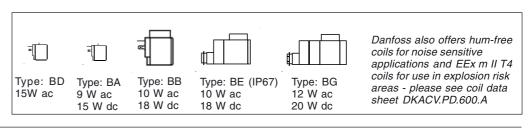
- For robust industrial application, such as control and dosage
- For neutral and aggressive liquids and gases. Contact Danfoss if you are in doubt about the valve's suitability for the medium in question.
- Kv: Up to 0.55 m³/h
- Differential pressure: Up to 30 bar
- Viscosity: Up to 50 cSt
- Ambient temperature: Up to +80°C
- Coil enclosure: Up to IP 67
- Thread connections: From G 1/8 to G 1/4
- The valves can be used for rough vacuum

Technical data

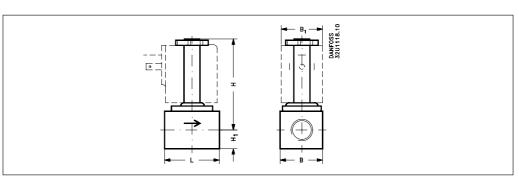
| Installation | Optional, but vert | tical solenoid system is recommended (see PT.600.A) | | | |
|---------------------|---|--|--|--|--|
| Pressure range | 0 - 30 bar | | | | |
| Max. test pressure | 50 bar | | | | |
| Tightness | Internally: Bette Externally: Bette | r than 8.3 x 10-2 mbar 1/sec (5 ccm air per min) r than 1 x 10-3 mbar 1/sec (100% He) | | | |
| | | | | | |
| Time to open 1) | 10 ms - 30 ms | | | | |
| Time to close 1) | 20 ms | | | | |
| Ambient temperature | max. +80°C (depending on coil type, see data for the coil selected) | | | | |
| Medium temperature | See specific valve | e data | | | |
| Viscosity | max. 50 cSt | | | | |
| Materials | Valve body: | Stainless steel, W.no. 1.4404/AISI 316L | | | |
| | Armature: | Stainless steel, W.no. 1.4105/AISI 430FR | | | |
| | Armature tube: | Stainless steel, W.no. 1.4306/AISI 304L | | | |
| | Armature stop: | Stainless steel, W.no. 1.4105/AISI 430FR | | | |
| | Springs: | Stainless steel, W.no. 1.4310/AISI 301 | | | |
| | Seal material: | See specific valve data | | | |

¹⁾ The times are indicative and apply to water. The exact times will depend on the pressure conditions.

Coil options



Dimensions and weight



| _ | L | В | | B ₁ [mm] | | H ₁ | Н | Weight without |
|-----------------|------|------|--------------------|---------------------|-----------------|----------------|------|----------------|
| Type | [mm] | [mm] | Coil type BA/BD | Coil type BB/BE | Coil type BG | [mm] | [mm] | coil [kg] |
| EV210B 1.5/2 SS | 35.0 | 34.0 | 32 | 46 | 66 | 12.0 | 70.0 | 0.15 |
| EV210B 3/4.5 SS | 35.0 | 34.0 | 32 | 46 | 66 | 13.0 | 71.0 | 0.2 |

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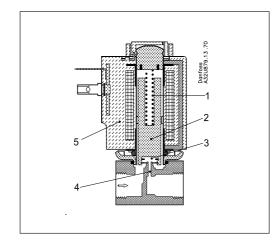
G 1/8 - G 1/4

Type EV210B NC for aggressive liquids and gases DN 1.5 - 4.5 SS

De-energized closed



Function



Coil voltage disconnected (closed):

When the voltage is disconnected, the armature (2) with the valve plate (3) is pressed down against the valve orifice (4) by the closing spring (1) and the medium's pressure.

The valve will be closed for as long as the voltage to the coil is disconnected.

Coil voltage connected (open):

When voltage is applied to the coil (5), the armature (2) with the valve plate (3) is lifted clear of the valve orifice (4).

The valve is now open for unimpeded flow and will be open for as long as there is voltage to the coil.

1. Closing spring 2. Armature

- 3. Valve plate
- 4. Valve orifice
- 5. Coil

NC versions for AC and DC current **EV210B**

Stainless steel bodies

| Conn. | Seal | Kv | DN | Media | Media temp Type designation | | n | Code no. | Permiss | ible diff | fferential pressure (Bar)/Coil type *** | | | | | |
|-------|--------------|--------------|------------|-------------|-----------------------------|--------------------------------|------------------------------|----------------------|--------------|--------------|---|--------------|--------------|--------------|--------------|--|
| | mat. ** | | | Min. | Max. | Main type | Specification | without coil | В | A | BD | В | В | В | IG. | |
| | | m³/h | mm | °C | °C | | | | 9W a.c. | 15W d.c. | 15W a.c. | 10W a.c. | 18W d.c. | 12W a.c. | 20W d.c. | |
| G1/8 | EPDM* FKM | 0.08 | 1.5 1.5 | - 30 -10 | + 120 + 100 | EV210B 1,5 SS EV210B 1,5 SS | G 18 E NC000 G 18 F NC000 | 032U3645 032U3646 | 30.0 30.0 | 30.0 30.0 | 30.0 30.0 | 30.0 30.0 | 30.0 30.0 | 30.0 30.0 | 30.0 30.0 | |
| G1/8 | EPDM* FKM | 0.15 0.15 | 2.0 2.0 | - 30 -10 | + 120 + 100 | EV210B 2,0 SS EV210B 2,0 SS | G 18 E NC000 G 18 F NC000 | 032U3647 032U3648 | 30.0 30.0 | 20.0 20.0 | 30.0 30.0 | 30.0 30.0 | 30.0 30.0 | 30.0 30.0 | 30.0 30.0 | |
| G1/8 | EPDM* FKM | 0.30 0.30 | 3.0 3.0 | - 30 -10 | + 120 + 100 | EV210B 3,0 SS EV210B 3,0 SS | G 18 E NC000 G 18 F NC000 | 032U3649 032U3650 | 15.0 15.0 | 9.0 9.0 | 24.0 24.0 | 20.0 20.0 | 13.0 13.0 | 30.0 30.0 | 25.0 25.0 | |
| G1/4 | EPDM* FKM | 0.15 0.15 | 2.0 2.0 | - 30 -10 | + 120 + 100 | EV210B 2,0 SS EV210B 2,0 SS | | 032U3651 032U3652 | 30.0 30.0 | 20.0 20.0 | 30.0 30.0 | 30.0 30.0 | 30.0 30.0 | 30.0 30.0 | 30.0 30.0 | |
| G1/4 | EPDM* FKM | 0.30 0.30 | 3.0 3.0 | - 30 -10 | + 120 + 100 | EV210B 3,0 SS EV210B 3,0 SS | G 14 E NC000 G 14 F NC000 | 032U3653 032U3654 | 15.0 15.0 | 9.0 9.0 | 24.0 24.0 | 20.0 20.0 | 13.0 13.0 | 30.0 30.0 | 25.0 25.0 | |
| G1/4 | EPDM* FKM | 0.55 0.55 | 4.5 4.5 | - 30 -10 | + 120 + 100 | EV210B 4,5 SS EV210B 4,5 SS | G 14 E NC000 G 14 F NC000 | 032U3655 032U3656 | 8.0 8.0 | 3.5 3.5 | 12.0 12.0 | 10.0 10.0 | 4.5 4.5 | 13.0 13.0 | 9.0 9.0 | |

^{* 140°}C / 3,6 bar low pressure steam

-Low pressure steam: DN 1.5-3: Use coil type BB og BG

DN 4.5: Use coil type BG

-EPDM versions are WRAS approved

Pressure range can be extended to use in rough vacuum, typically up to 99% vacuum (10 mbar), depending

on the application

Ordering - coils

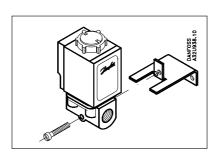
See separate data sheet for coils DKACV.PD.600.A

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for solenoid valves 2/2-way direct-operated Type EV210B

Mounting fittings, NC/NO



For EV210B 1.5 B - 4.5 B in connection with synthetic tubes, pipes and similar.

| Description | Code no. |
|-------------|----------|
| Brackets | 032U1040 |

Optional Isolating diaphragm kit



The kit consists of assembled isolating unit, O-ring, 4 screws, locking button and nut for the coil. Suitable for orifice sizes up to DN 3 mm.

| Seal material | Code no. |
|---------------|----------|
| EPDM | 042U1009 |
| FKM | 042U1010 |

Power kit for EV210B

The power kit enables the EV210B valve to handle higher differential pressure. The kit can be used on valves up to $G\frac{1}{2}$ connection and with a DN of max 10 mm.

Please contact Danfoss for further specifications.

| Seal material | Code no.* |
|---------------|-----------|
| EPDM | 032U5275 |
| FKM | 032U5276 |

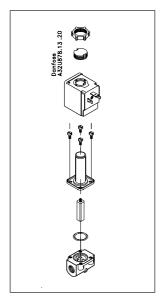
^{*}Only for use on NC versions

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for solenoid valves 2/2-way direct-operated Type EV210B

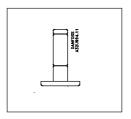
Spare parts kit, NC



The spare parts kit comprises a locking button, nut for the coil, armature with valve plate and spring, and an O-ring.

| FKM | EPDM | Function | | |
|--------------------|----------|----------|--|--|
| EV210B 1.5/2/3/4.5 | | | | |
| 032U2003 | 032U6000 | NC | | |
| EV210B 6/8/10 | | | | |
| 032U2011 | 032U2006 | NC | | |
| EV210B 15 | | | | |
| 032U2012 | 032U2013 | NC | | |
| EV210B 20 | | | | |
| 032U2014 | 032U2017 | NC | | |
| EV210B 25 | | | | |
| 032U2018 | 032U2019 | NC | | |

Spare part kit, NO



| FKM | EPDM | Function | |
|--------------------|----------|----------|--|
| EV210B 1.5/2/3/4.5 | | | |
| 032U2004 | 032U2005 | NO | |

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