

## Armatures

### Medium

temperature depending on the sealing material and solenoid coil Ambient temperature see table "Solenoid coil" Mounting type Mounting position Electrical data: Coil type Installation in rigid piping system any Type BDA, Connector width 32mm (Standard coil) Type BDV, Connector width 32mm (Coil for humid environment) Type GDH/GDV, Connector width 32mm (Coil for higher pressures, Coil for humid environment) Electrical connection Appliance socket according to EN175301-803 Form A (see separate data sheet) Voltage type Standard voltage Special voltages AC and DC voltage 230V/50-60Hz, 24V/50-60Hz, 24VDC 12...380V/50Hz or 60Hz, 12...220VDC Permissible voltage fluctuation AC +10%/-15%, DC +10%/-5% Power consumption see table "Power consumption of the solenoid coils" Duty cycle 100% duty cycle (continuous operation) Degree of protection Application note IP65 according to EN 60529 with correctly mounted device connector (protection against dust ingress and water jets) When ordering, please specify voltage and type of current. We always recommend installing a strainer upstream to prevent malfunctions in the event of contamination of the medium.. These valves can also be used for rough vacuum, provided that the minimum differential pressure of 0.1 bar is present.. Version 6 137899 / Generated 2026/23 EN MADE IN EUROPE +43 512 52076 austria@stasto.eu Open series online Page 1 / 3

### Technical data page 2

Type code  
 Type  
 Connection  
 G3/8"  
 G1/2"  
 SL200  
 SL200  
 -  
 38  
 -  
 V  
 -  
 A S 01 - 01  
 38  
 12  
 Seal  
 Coil  
 Standard seal NBR - Leave blank  
 EPDM  
 FKM  
 E  
 V  
 without coil - Leave blank  
 BDA Standard coil - Approval CE  
 BDV Coil for humid environment - Approval CE-CSA-UL-VDE  
 GDH Coil for higher pressures - Coil for humid environment - Approval CE  
 GDV Coil for higher pressures - Coil for humid environment - Approval CE-CSA-UL-VDE  
 Device connector without device connector - Leave blank  
 Voltage  
 Standard  
 with integrated yellow LED and VDR  
 with moulded PVC cable (2 m)  
 220-230V/50-60Hz  
 230V/50-240V/60Hz  
 24VDC  
 24V/50-60Hz  
 12VDC  
 48VDC  
 110VDC  
 220VDC  
 42V/50Hz  
 48V/50Hz  
 110V/50-60Hz  
 110V/50-120V/60Hz  
 380V/50-60Hz  
 220-240V/50-60Hz  
 A  
 C  
 D  
 E



S  
L  
M  
01  
02  
03  
04  
05  
06  
07  
08  
10  
11  
13  
14  
16  
20  
Special version  
described in the item text  
01  
Possible applications of the individual sealing materials  
Medium temperature  
Application examples  
-10...90°C  
-10...140°C  
-10...140°C  
Air, Water, neutral gases and liquids  
Hot water, Steam, Oxygen  
Oils, Gasoline, Diesel  
Material  
NBR  
EPDM  
FKM  
Solenoid coils  
Type  
BDA  
BDV  
GDV.....S  
GDV.....Y  
GDH  
Degree of protection  
Insert  
Ambient temperature  
Approvals  
IP65  
IP65  
IP65  
IP65  
IP65  
Medium temperature up to max. 120°C  
Medium temperature up to max. 180°C, high humidity  
Medium temperature up to max. 180°C, high humidity  
Medium temperature up to max. 180°C, high humidity  
Medium temperature up to max. 180°C, high humidity  
-10...+40°C  
-20...+60°C  
-20...+60°C  
-20...+60°C  
-20...+40°C  
CE  
CE-CSA-UL-VDE  
CE  
CE-CSA-UL-VDE  
CE  
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## Technical data page 3

Power consumption of the solenoid coils  
Tightening torque  
(Alternating current) VA  
Holding force  
(Alternating current) VA

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Holding force  
(Direct current) operating temperature W  
Type  
Voltage  
12VDC  
24V/50-60Hz  
24VDC  
42V/50Hz  
48V/50Hz  
110V/50-60Hz  
110VDC  
220-230V/50-60Hz  
380V/50-60Hz  
24V/50-60Hz  
24VDC  
110V/50Hz  
120V/60Hz  
230V/50Hz  
240V/60Hz  
12VDC  
-  
25  
-  
25  
25  
25  
-  
25  
25  
38,5  
-  
36,1  
25  
-  
24V/50-60Hz  
59,5  
24VDC  
48VDC  
110V/50Hz  
120V/60Hz  
230V/50Hz  
240V/60Hz  
220VDC  
Dimensions  
-  
-  
57,5  
62  
-  
-  
14,5  
-  
14,5  
14,5  
14,5  
-  
14,5  
14,5  
17  
-  
15  
16  
-  
27  
-  
-  
31  
31  
-  
11  
-  
11  
-  
-  
-  
8  
-  
-



11

-

-

23

-

14

14

-

-

14

BDA08012CS

BDA08024DS

BDA08024CS

BDA08042AS

BDA08048AS

BDA08110DS

BDA08110CS

BDA08223DS

BDA08380DS

BDV08024DY

BDV08024CY

BDV08110AY

BDV08230AY

GDH14012CS

GDV14024DY

GDV14024CY

GDH14048CS

GDV14110AY

GDV14230AY

GDV14220CS

Connection

G

Nominal size

DN[mm]

Pressure range

[bar]

B

C

D

E

H

H1

I

L

Kv value

[m<sup>3</sup>/h Water]

3

Weight

[approx. kg]

Coil

Type

G3/8"

G3/8"

G1/2"

G1/2"

12

12

12

12

AC

DC

0,1...20

0,1...10

0,1...20

0,1...20

0,1...20

0,1...10

0,1...20

0,1...20

36

36

36

36

30

52

30

52

42

55



42  
55  
40  
40  
40  
40  
94,5  
106  
94,5  
106  
94,5  
106  
94,5  
106  
10  
10  
10  
10  
50  
50  
50  
50  
2,1  
2,1  
2,7  
2,7  
0,50  
0,75  
0,50  
0,75  
BD.  
SL200-38  
GD. SL200-38  
BD.  
SL200-12  
GD. SL200-12  
Illustrations non-binding  
Design, dimensional and material changes reserved  
Armatures / Solenoid valves for liquids and gases / 2/2-way solenoid valves - pilot operated / 2/2-way solenoid valve Series SL200, 21H  
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[Armaturen](#) / [Magnetventile für Flüssigkeiten und Gase](#) / [2/2-Wege Magnetventile - vorgesteuert](#) / [2/2-Wege-Magnetventil Serie SL200, 21H](#)

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