

Valves

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 - Ohne Angabe lassen
 BDA Standard coil - Approval CE
 BDV coil for humid environment - Approval CE-CSA-UL-VDE
 GDH Coil for higher pressures - Coil for humid environments - 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
Heißwasser, Dampf, Sauerstoff
Oils, gasoline, diesel
Material
NBR
EPDM
FKM
Magnetspulen
Type
Operating instructions
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...+60°C
-20...+40°C
CE
CE-CSA-UL-VDE
CE
CE-CSA-UL-VDE
CE
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Leistungsaufnahme der Magnetspulen
Tightening torque
(Alternating current) VA
Holding force
(Alternating current) VA
Holding force

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(Direct current) operating temperature range 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 /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
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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