

ELECTRIC STAINLESS STEEL BALL VALVE TYPE LYVA 3

FEATURES

The electric stainless steel ball valve LYVA 3 is dedicated to the automatic shutt-off of small sizes fluids lines. The LYVA full bore valve, is perfect for applications such as water treatment, HVAC, industry, OEM, etc. where a traditional solenoid valve is not suitable. The operation of the actuator with 2 wires automatic position return through capacitor (RC) makes its installation and use very easy. Low power consumption. The LYVA 3 has got the CSF certificate for food contact.

AVAILABLE MODELS

LYVA 3 and **LYVA 3** with manual control : Stainless steel body.

Sizes and connexions : G 1/4" to G 2".

Sizes and connexions : G 1/2" to G 1".

Voltages : 24 Vac-cc, 230 Vac.

Wiring scheme : CR202, 2 wires, automatic position return through capacitor.

Power cable : 1500 mm



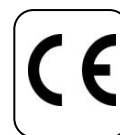
Version
with manual control

LIMITS OF USE

Use forbidden on groupe I gases according to CE 2014/68 directive

Use forbidden in explosive area.

Electric protection :	IP 67
PS fluid :	0 - 10 bar up to 1" 0 - 6 bar from 1"1/4 to 2"
ΔP max :	10 bar up to 1" 6 bar from 1"1/4 to 2"
TS fluid :	0°C / +90°C
TS ambient :	-10°C / +55°C



DIRECTIVES AND STANDARDS OF CONSTRUCTION

SUBJECT	Standard	SUBJECT	Standard
Pressure equipment CE 2014/68	A4 § 3	Material grade	EN 1503-1
Low voltage directive CE 2014/35	category I	Threaded connection	ISO 228
Food contact	NSF certificate	ACS potable water certificate	

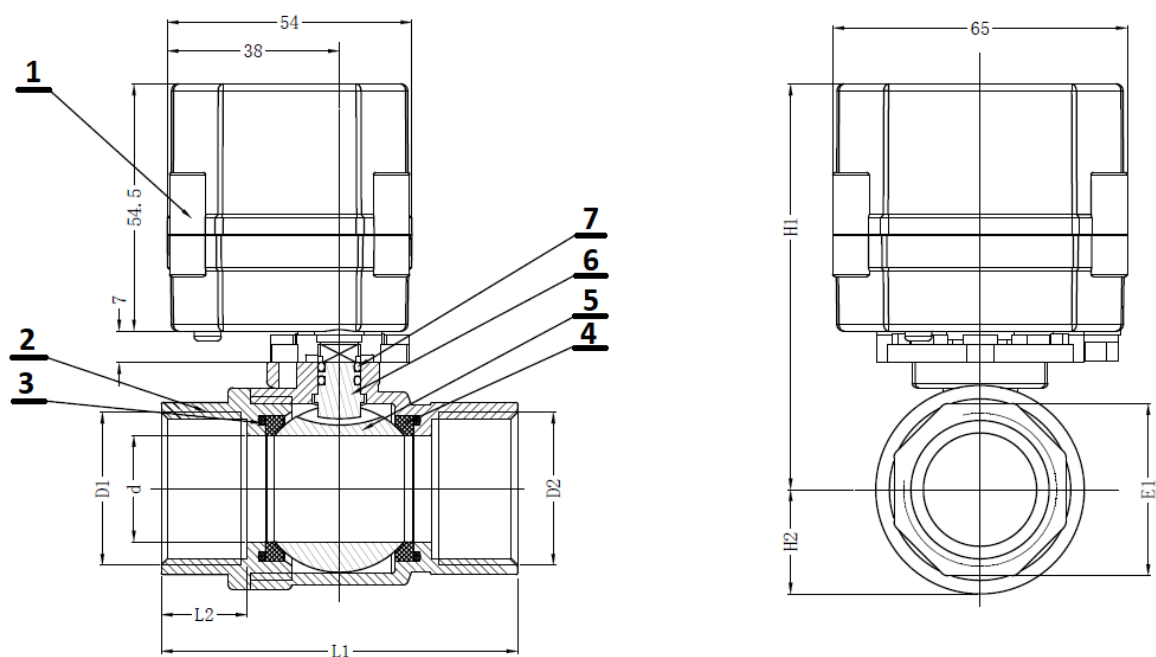
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	SECTORIEL S.A. 45 rue du Ruisseau 38290 SAINT QUENTIN-FALLAVIER – FRANCE Tél : +33 4 74 94 90 70 - Fax : +33 4 74 94 13 95 www.sectoriel.com / Email : sectoriel@sectoriel.fr	Pages	1/4
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		Rev.	11
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CONSTRUCTION

N°	Item	Material
1	Actuator	Plastic PPO
2	Body	Stainless steel 1.4408
3	O-ring	EPDM
4	Seat	PTFE
5	Ball	Stainless steel 1.4408
6	Stem	Stainless steel 1.4408
7	O-ring	EPDM



DIMENSIONS (mm) and WEIGHT (kg)

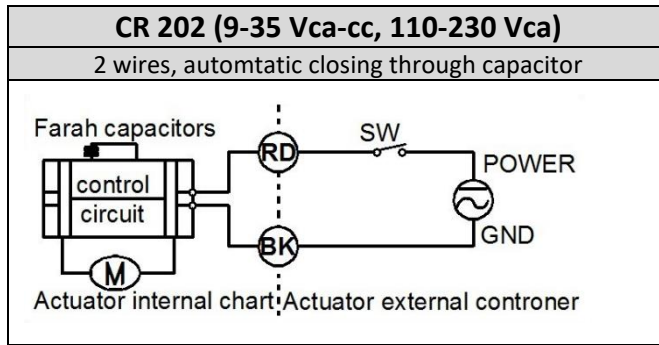
Size	d	L1	L2	E1	H1	H2	Weight (Kg)
G 1/4"	10	51	12	21	82,5	14	0,37
G 3/8"	10	51	12	21	82,5	14	0,37
G 1/2"	15	62	16	25	86	17	0,37
G 3/4"	20	72	17	31	88	20	0,47
G 1"	25	80	20	38	91	24,5	0,62
G 1 1/4"	31	102	25	47	126	31	0,81
G 1 1/2"	36	114	26	54	131	37	0,95
G 2"	47	130	27	66	144	45	1,15

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WIRING DIAGRAM



INSTALLATION

All positions mounting excepted horizontal with pointing down actuator.

For a use on liquids, the installation of a upstream protection strainer is recommended.

OPTIONS

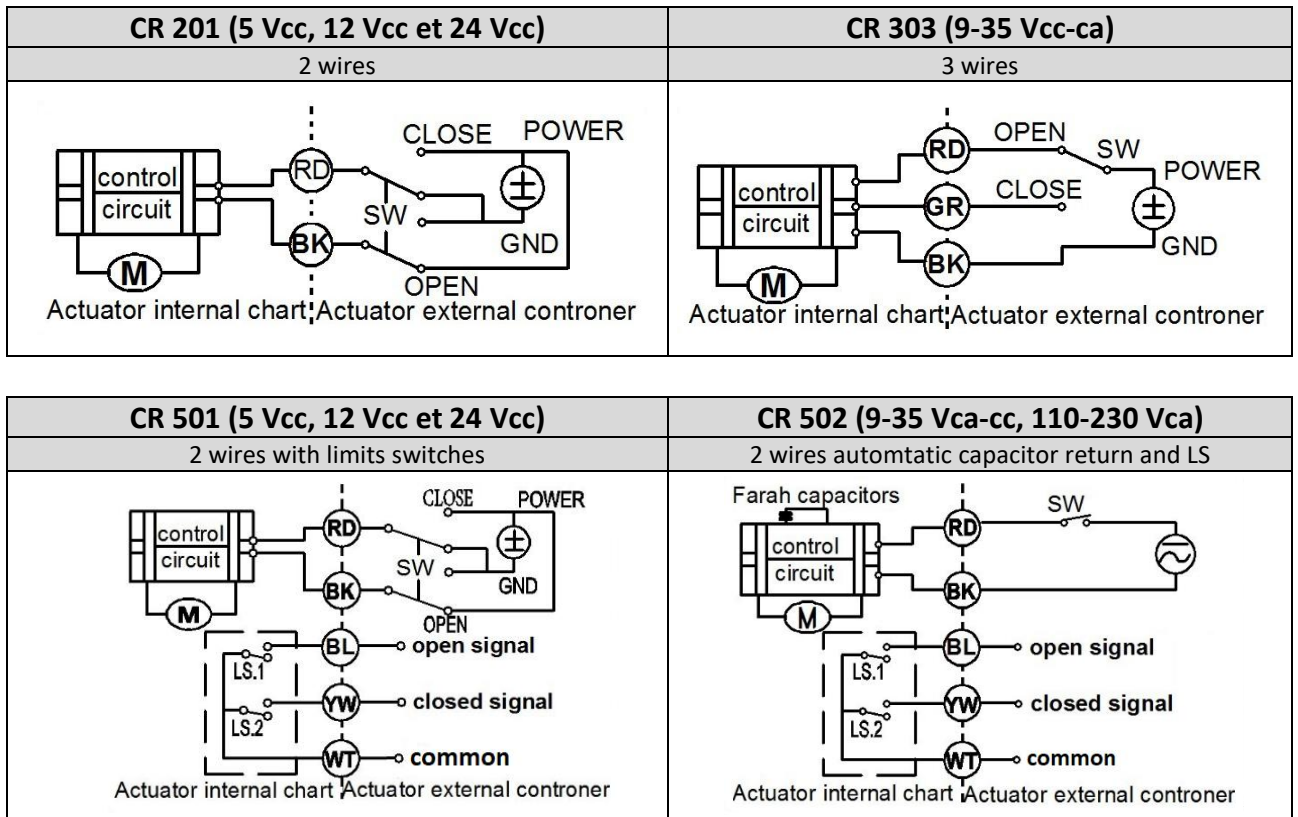
Other votages 5 Vcc, 9 Vcc, 36 Vcc, 110 Vca

Other wiring schemes (see below)

Manual override

Cover without position indicator

Normaly open version (NO)



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