

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 : Stainless steel body

Sizes and connexions : G 1/2", G 3/4" et G 1".

Voltages : 24 Vac-cc, 230 Vac.

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

Power cable : 500 mm



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
ΔP max :	10 bar
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	Not submitted	Material grade	EN 1503-1
Low voltage directive CE 73/23	category I	Threaded connection	ISO 228
Food contact	NSF certificate	ACS potable water certificate	

Modifications reserved



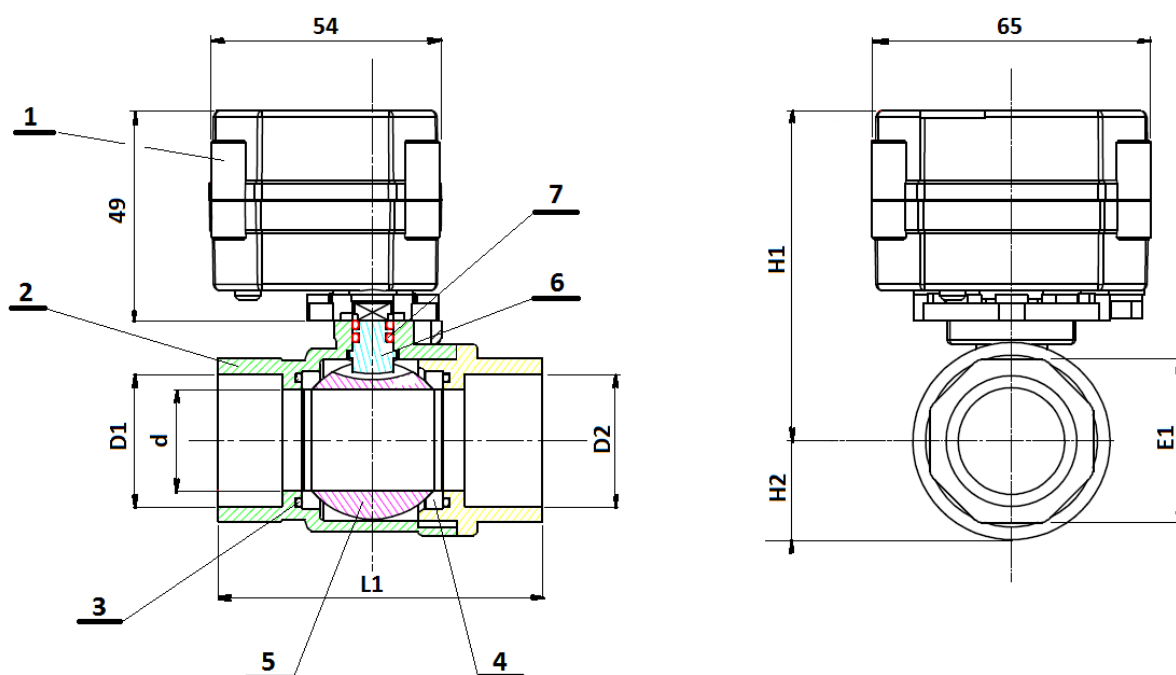
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CONSTRUCTION

N°	Item	Material
1	Actuator	Plastic PPO
2	Body	Stainless steel 1.4408
3	O-ring	EPDM
4	Seat	PTFE
5	Ball	Stainless steel 304
6	Stem	Stainless steel 304
7	O-ring	EPDM



DIMENSIONS (mm) AND WEIGHT (kg)

Size	d	L1	L2	E1	H1	H2	Weight (kg)
G 1/2"	15	56	13	25	84	16	0,37
G 3/4"	20	66	15	31	87	19	0,47
G 1"	25	71	15	38	89	22	0,62

ELECTRIC FEATURES

Current	Voltages (V)						Frequency		Amperage	Power	Operating time
Alternatif			24		110	230	50 Hz	60 Hz	< 500 mA	8 w	6 s
Continu	5	9	24	36							

Modifications reserved

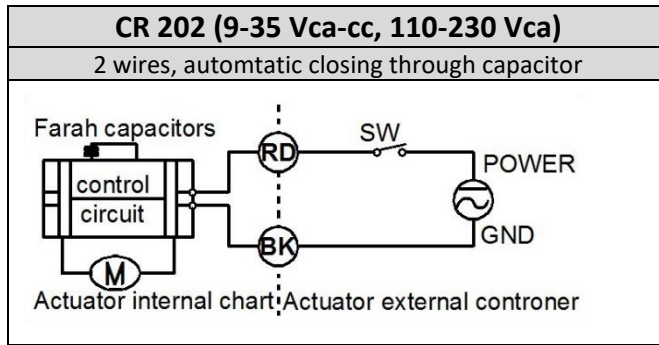


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WIRING DIAGRAM



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

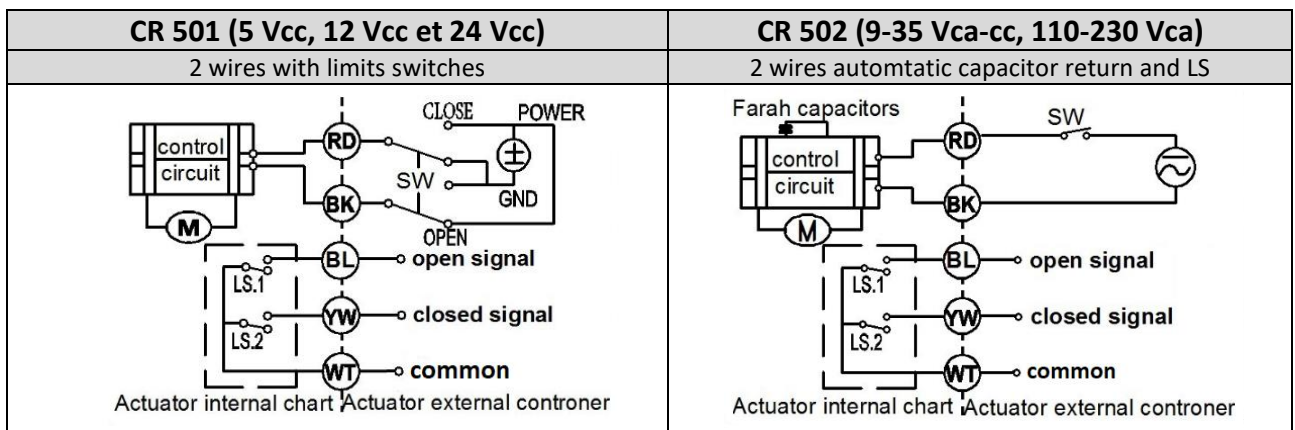
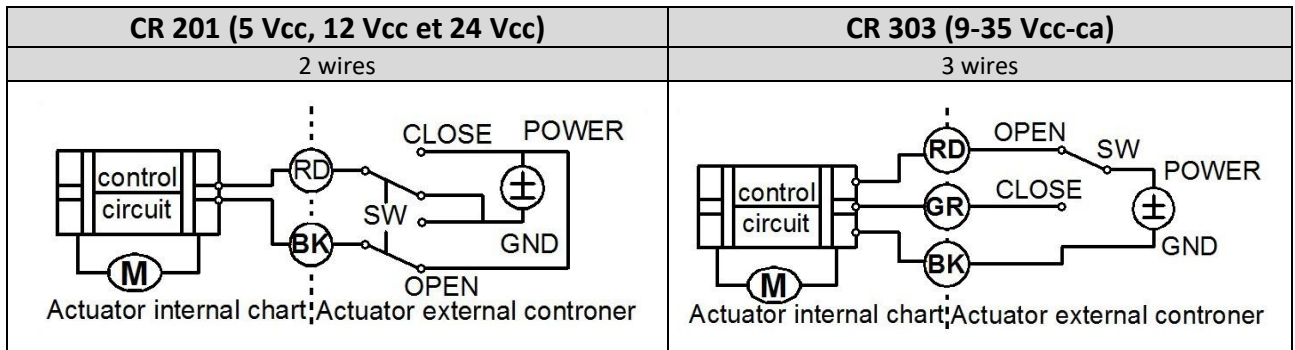
Other votages 5 Vcc, 9 Vcc, 36 Vcc, 110 Vca

Other wiring schemes (see below)

Manual override

Cover without position indicator

Normaly open version (NO)



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