

ACTUATOR FOR BALL VALVE



DESCRIPTION

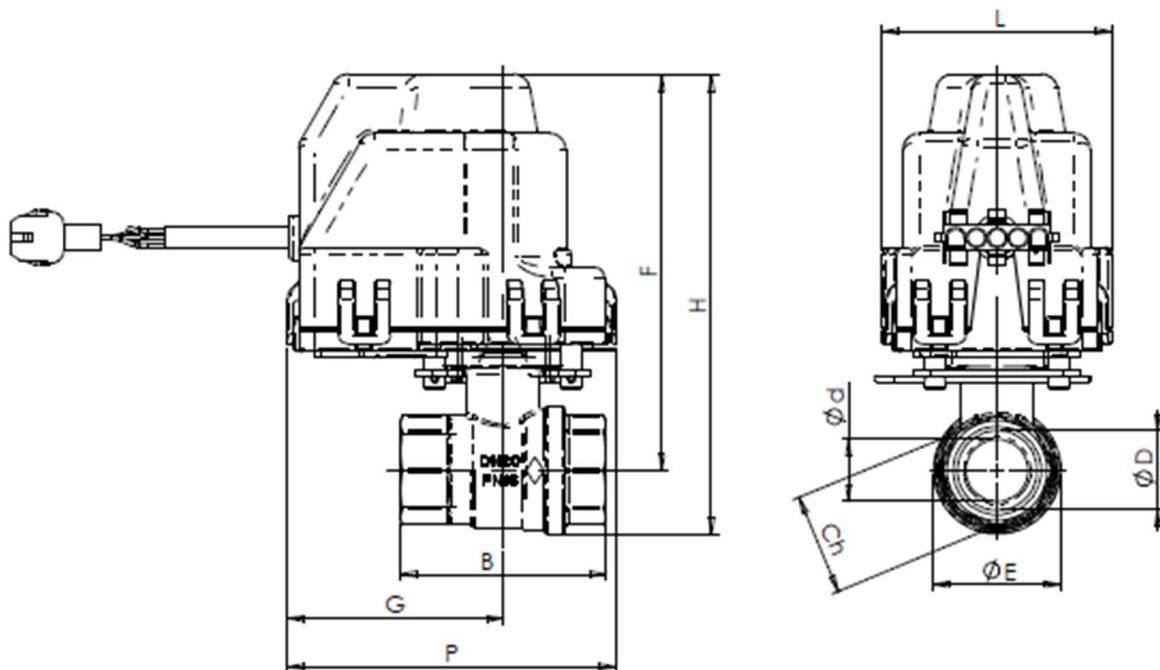
The **AVS MOTORIZED DEVICE** is used to control water flow. The motor, available in both AC and DC versions, actuates the valve by moving it to OPEN and CLOSED positions and is controlled by 2 microswitches connected in series with the power supply.

An indicator driven by the valve control, allows verification of the motor's operating direction.

The AC motor is thermally self-protected (EN 60335-1 "Impedance Protected"), and the valve is for potable water according to DM 174/2004 (Directive 98/83/EC).

OVERALL DIMENSIONS

	DC 1"	DC ¾"	AC 1"	AC ¾"
B	70	63	70	63
Ch	38	31	38	31
Ø D - UNISO 228	G1"	G3/4"	G1"	G3/4"
Ø d	24	19	24	19
Ø E	49	39	49	39
F	124.9	121	106.9	103
G	65.9	65.9	65.9	65.9
H	149.4	140.5	131.4	122.5
L	70.2	70.2	70.2	70.2
P	100.9	100.5	100.9	100.5



**PERFORMANCE**

VOLTAGES	220-240V	110-120V	24V
FREQUENCY AC	50/60 Hz	60Hz	DC
POWER SUPPLY	4W		1,7 W
TORQUE AT SHAFT	1,2 Nm (2,5 Rpm) / 15 Nm (0,2 Rpm)		15 Nm (1,4 rpm)
OPERATION TIME (90°)	50 Hz: 6/76 sec - 60 Hz: 4,8/61 sec	60 Hz: 4,8/61 sec	12 s
INSULATION CLASS	H		B
PROTECTION CLASS	I – earth connector		III
WORKING TEMPERATURE	da -5°C a +80°C		da -20°C a +60°C
PROTECTION RATING	IP42		
NOISE	< 50 dB		
ACTUATOR POSITIONING	Vertical / Horizontal (valve below actuator housing)		

MATERIALS

ACTUATOR HOUSING	PA66 GF25 UL94-V0	SFERE	Brass CW 617N chromed
DIRECTION INDICATOR	Fe tropicalized zinc plated (galvanized yellow)	SFERE GASKET	PTFE
CABLE HOLDER	Rubber NBR 70.45-01 / PVC UL94-V2	O-RING	EPDM
VALVE	BRASS CW 617N externally nickel plated		

ADVANTAGES

- WIDE RANGE OF CONFIGURATIONS IN TERMS OF VALVES AND MOTORS
- HIGH-RELIABILITY MOTOR OPTIONS
- COMPACT DIMENSIONS
- FOOD-GRADE COMPLIANT VALVES

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