



Motorized valves

Size(s): ¾” and 1”

DESCRIPTION

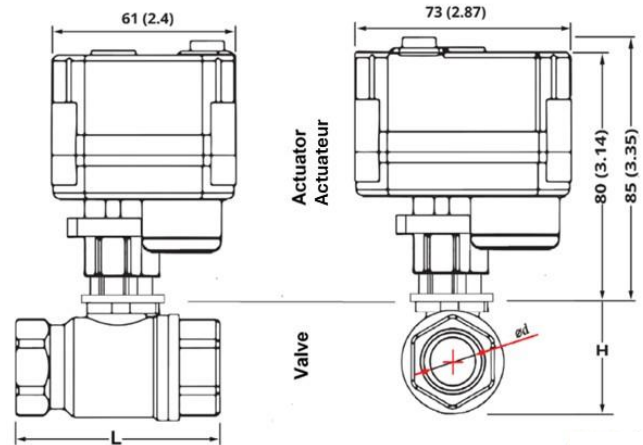
Motorized AKWA valves are used for drinking water systems. These unique floating ball construction type valves require very low torque and are controlled with a small compact actuator. They are designed to close the main water inlet when a leak is detected. The Stainless-steel valve is used as a main (or auxiliary valve) and controlled by the AKWA motorized actuator (motor) which in turn is attached to the valve using a Quick connect mechanism. Both the actuator and the valve come with a 3-YEAR warranty (1 year for labor and installation).

CHARACTERISTICS

Valve body (full port)

Model(s)	AKW SF ¾ (3/4”), AKW SF1 (1”)
Valve Ball	304 Stainless Steel
Valve Stem	Brass Nickel Plated
Valve Seat	PTFE disc with backup ring
Valve Packing	Double O ring with PTFE friction ring base
Close Off	150 psi and 100% tight shut off
Pressure	150 psi max (10 Bar)
Media Temperature	35 ° F to 194 ° F (2 ° C to 90 ° C)

Compliance
CSA B125.3, NSF/ANSI/CAN 61



Size	Dimensions mm (inches)			Weight Kg (Lb)
	ed	L	H	
DN20 (¾”)	20 (0.79)	71 (2.79)	45 (1.77)	0.51 (1.12)
DN25 (1”)	25 (0.99)	75 (2.95)	47 (1.85)	0.61 (1.34)

Actuator

Model	AKW-WVM-02
Rated Voltage	5VDC
Power	Max 5 watts
Output Torque	17in/lb (2 NM)
Connection	2 x RJ 11 connectors
Ambient Temperature	40 ° F to 120 ° F, (5 ° C to 50 ° C)
Travel Time	< 5 seconds
Noise Level	55 dB

Features include :

- Quick Connect Mounting, for easy actuator installation or service
- Valve position indicator (close or open)
- Manual valve opening in case of electrical supply failure. Pull up knob (about 1/8”), turn knob (left or right) to open / close the valve. Once water pressure is back, press down knob to original position.
- Weekly self-tests prevent calcium deposits in the mechanism and ensures its proper functioning.
- Temperature detection
- Connector for flow sensor