

Motorized valves

Size(s): 2.5" and 3"

Motorized AKWA valves are used for drinking water systems and designed to close the main water inlet when a leak is detected.

Larger format automatic shut-off valves offer performance, compact size, high output torque and long service life.

Floating ball valve ensures good sealing performance.



3 inch model

2.5-inch model



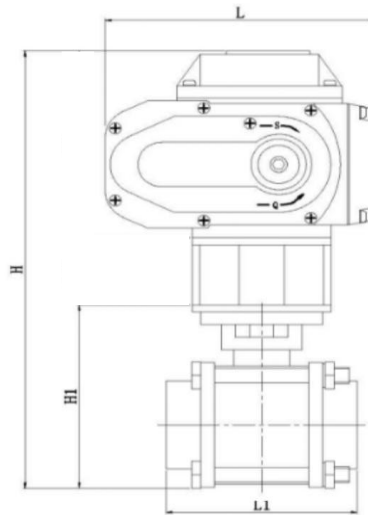
Actuator (top view)



Body-valve (side view)



Motorized valve (front view)



DIMENSIONS

2.5-inch NPT motorized valve

H	: 332 mm
H1	: 113 mm
L	: 213 mm
L1	: 173 mm

3-inch NPT motorized valve

H	: 425 mm
H1	: 145 mm
L	: 256 mm
L1	: 190 mm

MOTORIZED VALVE

Model(s) AKW WVM-PS (2.5 or 3), if 2.5 or 3 inch

ACTUATOR

Cabinet material	Aluminium alloy die-casting
Torque	160 Nm or 1415 in/lb (for 2.5") 250 Nm or 2212 in/lb (for 3")
Voltage	24 VDC
Power (watts)	23W (2.5"), 50W (3")
Max Water Temp.	212 F / 100 C
Ambient Temp.	-13 to 140 F / -25 to 60 C
Input signal	2 contacts (motor + and -)
Output signal	Fully opened and fully closed dry contact
Rotation angle	90 degrees
Mounting angle	Any
Open time	30 – 60 seconds
Waterproof	IP 65
Manual operation	With supplied key
Limit switch	Auto stop if Open / Close

VALVE

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	100% tight shut off
Pressure (max)	232 psi (16 Bar or 1.6 MPa)
Body Rating	290 psi at 21° (PN20)
Media Temp.	35° F to 194° F (2° C to 90° C)

Total weight 10.5 Kg (2.5"), 18.0 Kg (3")

Compliance

CSA B125.3, NSF/ANSI/CAN 61