

2-Way Motorized Ball Valve - Modulating-Threaded

Fig. 4216+EQA16/36

Standard

Connection meet: ISO228/1
Size range: 20mm(3/4")~50mm(2")
Testing Standard: EN12266-1

Technical data

Supply Voltage: AC220V / AC24V±10%, 50/60HZ
Control Signal: 0 ~ 10V DC
Feedback Signal: 0 ~ 10V DC
Power consumption: 6VA (Only in action)
Motor type: Synchronous motor/ReverseSynchronous motor
Operation time: 80s
Torque: 10 Nm
Wire length: 500mm
Enclosure protection: IP54
Nominal pressure: 25 bar
Size: DN20~DN50
Testing pressure: Shell: 37.5bar / Seal: 27.5bar
Working ΔP: 5 bar
Temperature range: 5°C ~ 100°C
Media: Water, Glycol

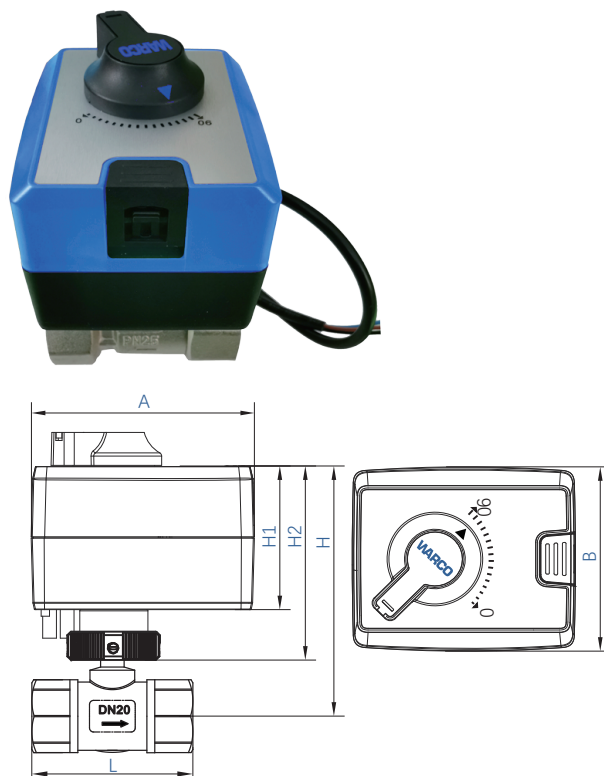
Specification

Part	Material	Standard
Body	Forged Brass	BS EN12165 CW617N
Ball	Brass	BS EN12165 CW617N
Seal	PTFE	-
Actuator	Plastic	Component

Dimensions

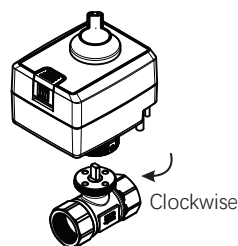
DN	mm	20	25	32	40	50
	inch	3/4	1	1-1/4	1-1/2	2
L		67	84	90	100	114
H		120	124	129	134	139
H1		60	60	60	60	60
H2		93.6	93.6	93.6	93.6	93.6
A		93	93	93	93	93
B		78	78	78	78	78
Connection		Rp3/4"	Rp1"	Rp1 1/4"	Rp1 1/2"	Rp2"
Kvs		6.3	10	16	19	31

Schema



Wiring

		220V / 24V AC
1	Red	L
2	Black	N
3	Green	Y 0-10V Control
4	White	0-10V Feedback
5	Yellow	U



Notice

1. Actuator must be horizontal;
2. Do not use force on the drive during installation;
3. The thread connected with the valve must be standard thread
4. The valve and pipeline should be kept clean before installation;
5. The valve and pipe recommended horizontal installation, can be installed vertically, but not inverted;
6. Ensure that the pipes and valves are insulated and do not wrap the Actuator in the thermal insulation layer.

Note: If the product is damaged due to improper installation or harsh working medium, We only provide paid services.