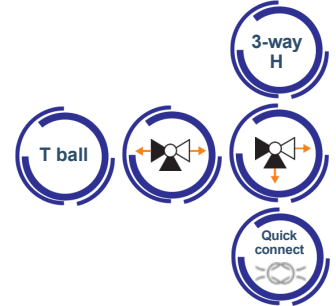


## ZVQ 3000HT

3-way zone ball valves



- Internal or external thread
- DN25 ÷ DN32
- T-port ball
- Horizontal design
- Quick mounting on the actuator
- Low operating torque
- For diverting / changeover or mixing applications
- Motorized with AQ5 series actuators
- For domestic and commercial heating and cooling hydronic closed systems



ZVQ 3000HT are 3-way brass ball valves for heating and cooling systems. Valves are available in DN25+DN32, with internal ZVQ 3100 or external ZVQ 3200 thread. Valves are suitable for long-term operation due to the special sealing construction. The low operating torque of the valve prevents the valve from blocking. Valves are motorized with actuators series AQ5 making a compact zone unit with high regulating accuracy and easy installation with a quick system that allows to assembly and disassembly of the actuator in a simple, rapid and secure way.

### Type overview

Code	Type	DN	Connection	Kvs (A-B)	Kvs (AB-B)	PN	Pipe connections	Valve design	Ball port
10210	ZVQ3125HT	25	Rp 3/4"	16	8	25	Internal thread	Horizontal	T
10211	ZVQ3132HT	32	Rp 1"	25	12,5	25	Internal thread	Horizontal	T
10214	ZVQ3225HT	25	G 1"	16	8	25	External thread	Horizontal	T
10215	ZVQ3232HT	32	G 1 1/4"	25	12,5	25	External thread	Horizontal	T



### Technical data

<b>Pipe connections</b>	Rp internal thread (EN 10226-1) G external thread (ISO 228-1)
<b>Nominal pressure</b>	PN25
<b>Max. diff. pressure</b>	6 bar (max 2 bar for low noise operation)
<b>Fluid temperature</b>	-15 °C to +110 °C ; (with actuator 2...90°C)
<b>Fluid</b>	Water, water with glycol up to 50 % vol. The water quality requirements specified in VDI 2035 must be adhered to
<b>Max. leakage</b>	Rate B according to: EN 12266-1:2003
<b>Angle of rotation</b>	90 °
<b>Installation position</b>	Upright to horizontal (related to stem)
<b>Servicing</b>	Maintenance-free. The installation of a strainer is recommended.
<b>Material</b>	
<b>Valve body</b>	Brass, CW617N
<b>Ball</b>	Chrome-plated brass
<b>Seals</b>	PTFE, EPDM Perox

### Product range of zone valves

**ZVQ 2000**  
2-way zone valves



**ZVQ 3000HL**  
3-way zone valves L ball



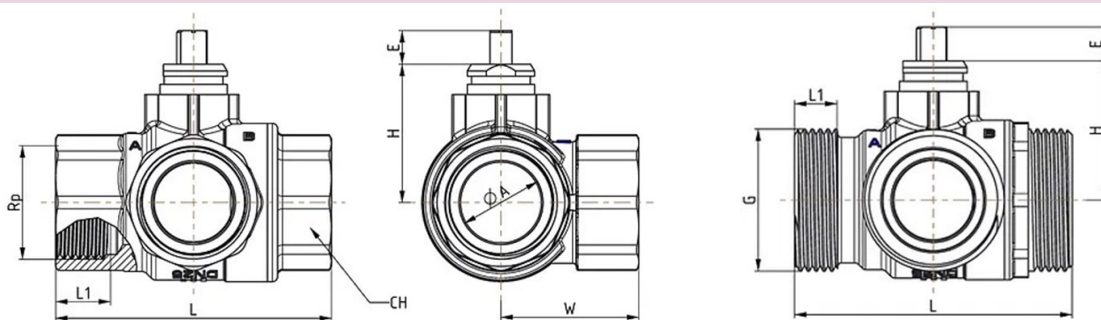
**ZVQ 3000HT**  
3-way zone valves T ball



**ZVQ 3000V**  
3-way zone valves L-L ball



## Dimensions



Type	DN	Connection	L (mm)	W(mm)	L1 (mm)	H (mm)	ØA (mm)	E (mm)	CH (mm)	Weight (kg)
ZVQ3125HT	25	Rp 1"	82	41	17	41	20	10	38	0,580
ZVQ3132HT	32	Rp 1 1/4"	94	47	18	47	25	10	47	0,700
ZVQ3225HT	25	G 1 1/4"	82	41	13	41	20	10	-	0,650
ZVQ3232HT	32	G 1 1/2"	94	47	14	47	25	10	-	0,750

## Type code

### ZVQ 3125HT

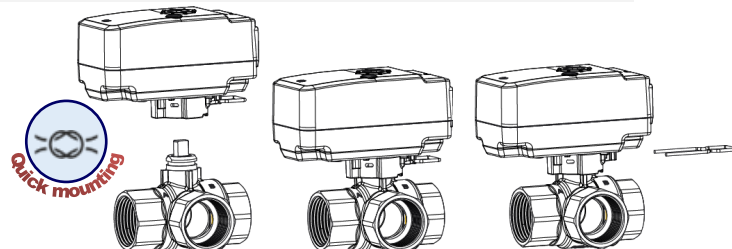
L=L ball / T=T ball / L-L=L-L ball  
 V=vertical valve / H=horizontal valve  
 15=DN15 / 20=DN20 / 25=DN25 / 32=DN32  
 1=internal thread / 2=external thread / 3=compression fittings  
 2=2-way / 3=3-way  
 Q=quick connection for the actuator  
 ZV=zone valve

## Product features

### Quick mounting

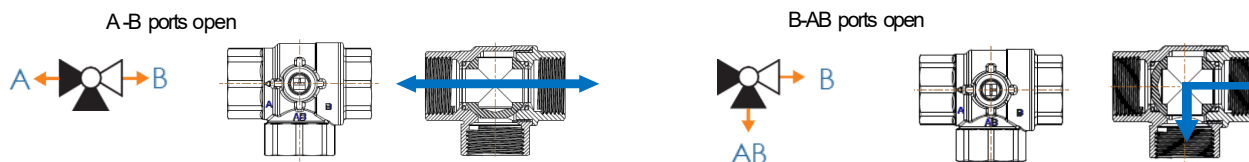
The actuator can be mounted on the valve without tool use, by moving the actuator by hand vertically.

To remove the actuator from the valve, the metal pin must be pulled out.



### Flow direction

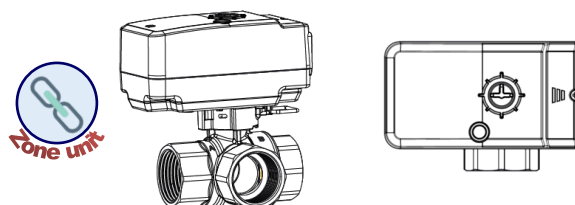
Flow is possible in both directions.



## Mode of operation

Zone valves ZVQ 3000HT are motorized with actuators series AQ5-2P, controlled by a 2-point (open/close) signal, making a compact unit ZVQ 3000HT-2P.

Valves can also be used with other actuators from AQ5 product range controlled by 3-point or modulating control signals.



## Suitable actuators

•AQ5-2P  
 2-point actuators



•AQ5-3P  
 3-point actuators

