

## Zone Valves

Zone valves allow automatic /manual fast shutdown and diverting flow within hydraulic system and such as domestic water systems or water circuit in heat pump.

This series of TS zone valves offering different size and directions, with different connections. Both versions matching TS' own actuators with its patented fast clip system, easy for installation and removal.

### Technical features

max working pressure	10 bar
working temperature range	5°C-80°C
media	water, water/glycol
water/glycol	70%/30%
control mode	60°/360°
max working torque	1N*M

### construction

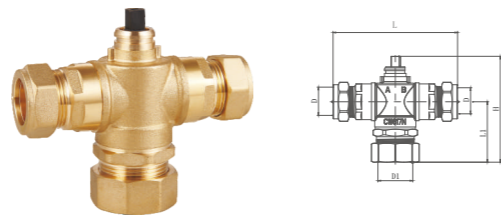
body	CW617N
valve plug	PPS
seal	Silicone rubber



**Zone Valves**



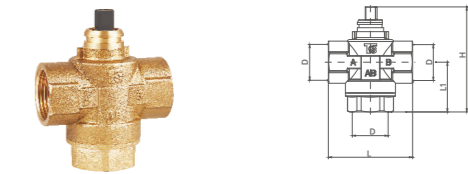
**TS 160000**



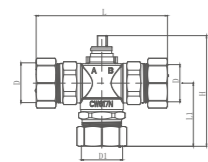
Code	D	D1	L1	L	H
160000	Ø22	Ø28	56	115	98



**TS 160007**



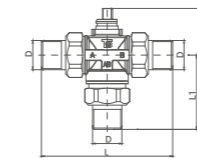
Code	D	L1	L	H
160007	3/4"	38	64	80
160007	1"	40	68	82



Code	D	D1	L1	L	H
160001	Ø22	Ø22	53.5	115	95.5
160001	Ø28	Ø28	56	116	98



**TS 160001**



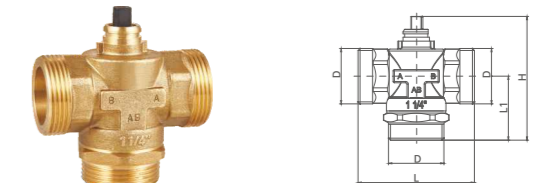
Code	D	L1	L	H
160008	3/4"	67	120	109
160008	1"	75.5	143.5	117.5



**TS 160008**



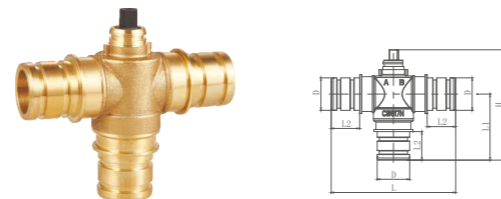
**TS 160010**



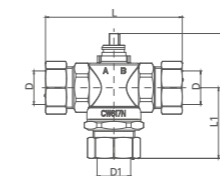
Code	Dn	L1	L	H
160010	1 1/4"	48.5	88	94



**TS 160003**



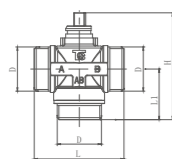
Code	D	L1	L2	L	H
160003	Ø26.1	56.5	21	106	98.5
160003	Ø30.8	62.5	27	118	105



Code	D	D1	L1	L	H
160011	Ø28	Ø28	59	114	98



**TS 160011**



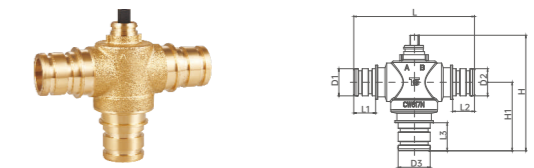
Code	D	L1	L	H
160006	1"	38	62	80
160006	1 1/4"	41	74	83



**TS 160006**



**TS 160013**



Code	D1	D2	D3	L1	L2	L3	L	H1	H
160013	Ø26.1	Ø26.1	Ø30.8	21	21	27	116	66	111
160013	Ø30.8	Ø26.1	Ø30.8	27	21	27	122	66	111
160013	Ø30.8	Ø30.8	Ø30.8	27	27	27	128	66	111

**Zone Valves**

**Technical features**

max working pressure	10 bar
max working temperature	110°C
media	water, water/glycol
water/glycol	70%/30%
control mode	90°/360°
max working torque	1N*M

**construction**

body	CW617N/CW625N
valve plug	CW617N/CW625N
ball	CW614N/CW617N(Chrome plated)
valve seat	PTFE
seal	EPDM

Code	D	L	H	d
162000	3/4"	74	42	15
162000	1"	74	42	15

Code	D	L	H	d
162001	1/2"	61	42	15
162001	3/4"	70	46.5	20
162001	1"	85	50	25

Code	D	L1	L	H	d
162002	3/4"	36.5	74	42	15
162002	1"	36.5	74	42	15

Code	D	L1	L	H	d
162003	1/2"	32	61	42	15
162003	3/4"	37	70	46.5	20
162003	1"	45	85	50	25

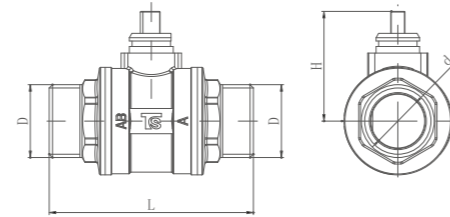
Code	D	L	H
162005	Ø26.1	98	42

Code	D	L1	L	H
162006	Ø26.1	55	98	41

Code	D	L1	L	H
162007	Ø26.1	55	98	41

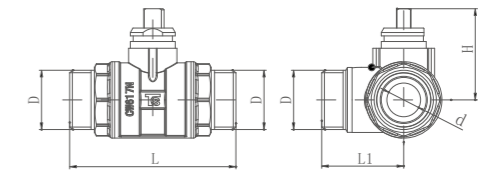
Code	D	H1	H	L
162008	Ø30.8	67.5	46.5	115

Code	D	H1	H	L
162009	Ø40	87	62.5	146



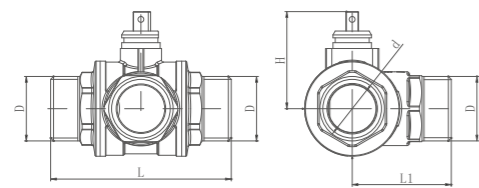
**TS 162010**

Code	D	L	H	d
162010	1/2"	76	42	15
162010	3/4"	81	46.5	20
162010	1"	93	50	25



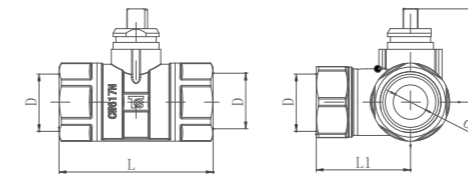
**TS 162032**

Code	D	L1	L	H	d
162032	3/4"	36.5	74	41	15
162032	1"	54	90	47.5	22



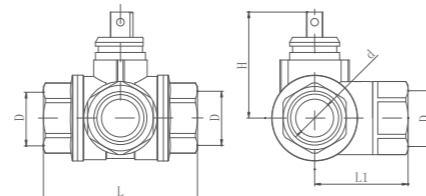
**TS 162012**

Code	D	L1	L	H	d
162012	3/4"	41	78	42	20
162012	1"	51	93	50	25



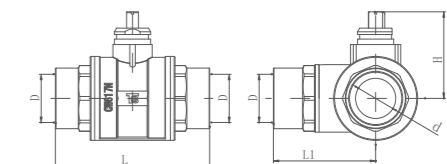
**TS 162033**

Code	D	L1	L	H	d
162033	3/4"	41	67	41	15
162033	1"	50.5	81.5	47.5	22



**TS 162013**

Code	D	L1	L	H	d
162013	1/2"	37	61	42	15
162013	3/4"	39.5	64	42	15



**TS 162034**

Code	D	L1	L	H	d
162034	Ø22.2	45.5	70	41	Ø15
162034	Ø28.6	56	84.5	48	Ø22

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### Technical features

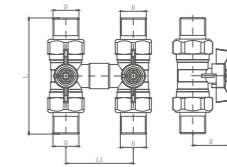
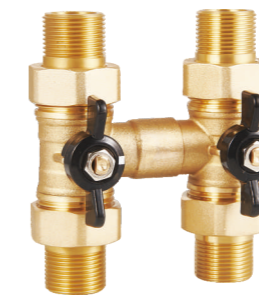
max working pressure	10 bar
max working temperature	110°C
media	water, water/glycol
water/glycol	70%/30%
control mode	90°/360°
max working torque	1N*M (electronic control)

### construction

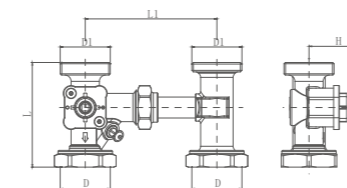
body	CW617N/CW625N
valve plug	CW617N/CW625N
valve seat	PTFE
seal	EPDM



**TS 164000**



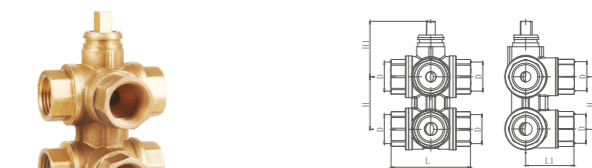
Code	D	L1	L	H
164000	3/4"	69	118	37.5



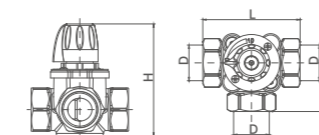
Code	D	D1	L1	L	H
164001	1 1/2"	1 1/2"	90-125	100	55

**TS 164001**

**TS 164002**



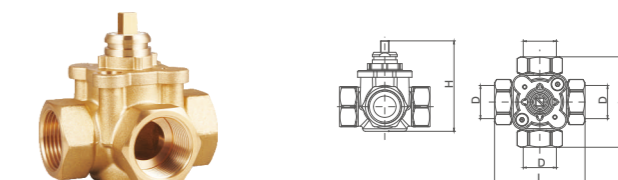
Code	D	L1	L	H1	H
164002	1/2"	37.5	61	42.5	40



Code	D	L1	L	H
164003	3/4"	36	72	83
164003	1"	36.5	73	83

**TS 164003**

**TS 164004**



Code	D	L	H
164004	3/4"	72	72
164004	1"	73	72