

TYPE 400/600

BRASS BALL VALVE

Screwed body cap, Blowout-proof stem, Double O-ring stem seals, Threaded ends to BS21 or solder joint ends

CTH W.O.G. non-shock 4.14 MPa (600 psi), W.O.G. 150°C non-shock 0.69 MPa (100 psi)
 TH W.O.G. non-shock 2.76 MPa (400 psi), W.O.G. 150°C non-shock 0.69 MPa (100 psi)



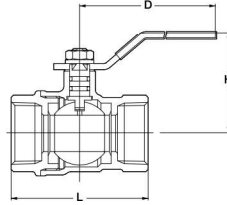
Fig. TH*

• Threaded end to BS21

*Taper pipe threads for connection shall refer to JIS B0203 standards, while the length of useful threads and the positions of gauge planes are built on KITZ standard.

Fig. CTH

• Solder joint end to ASME B16.18



Materials

Parts	Material
Body	Brass
Body cap	Brass
Stem	Dezincification Resistant Brass
Ball	Brass*
Ball seat	PTFE
O-ring	FKM

*Nickel-chrome plated

⚠ Solder joint end valves should not be used in service where the temperature of the line fluid is higher than the softening point of the solder.

Dimensions

Nominal Size	inch mm	mm										
		1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	
L	44	45	56	63	74	82	91	104	50	65	80	
L1 Solder	47	47	54	73	88	98	113	135	147	177		
H	41	41	45	48	54	58	63	74	89	103		
D	60	60	80	80	110	110	110	140	200	300		

*TH: 1/4 to 2

TYPE 400

BRASS BALL VALVE

Screwed body cap, Blowout-proof stem, Double O-ring stem seals, Threaded ends to BS21 or NPT

W.O.G. non-shock 2.76 MPa (400 psi), W.O.G. 150°C 0.69 MPa (100 psi)



Fig. T*

• Threaded end to BS21

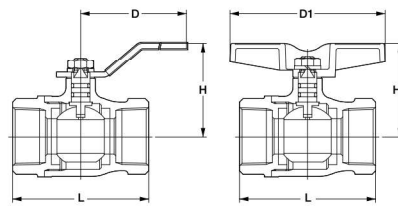
Fig. AKT

• Threaded end to ASME B1.20.1

Fig. TT*

• Threaded end to BS21

*Taper pipe threads for connection shall refer to JIS B0203 standards, while the length of useful threads and the positions of gauge planes are built on KITZ standard. (size 1 1/4 & larger)



Materials

Parts	Material
Body	Brass/Bronze*
Body cap	Brass/Bronze*
Stem	Dezincification Resistant Brass
Ball	Brass**
Ball seat	PTFE
O-ring	FKM

*Size 4 only

**Nickel-chrome plated

Dimensions

Nominal Size	inch mm	mm										
		1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
L	50	50	65	68	79	86	96	109	127	153	179	
H	45	45	45	50	55	60	65	75	91	105	124	
H1	41	41	44	48	55	61	66	80				
D	60	60	80	80	110	110	110	140	200	300	400	
D1	65	65	80	80	90	105	105	120				

*TT: 1/4 to 2

TYPE 400

BRASS BALL VALVE

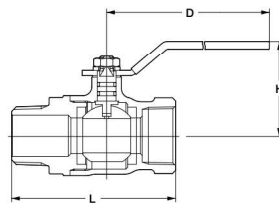
Screwed body cap, Blowout-proof stem, Double O-ring stem seals, Male & female threaded ends to BS21

W.O.G. non-shock 2.76 MPa (400 psi), W.O.G. 150°C 0.69 MPa (100 psi)



Fig. TO

• Threaded end to BS21



Materials

Parts	Material
Body	Brass
Body cap	Brass
Stem	Dezincification Resistant Brass
Ball	Brass*
Ball seat	PTFE
O-ring	FKM

*Nickel-chrome plated

Dimensions

Nominal Size	inch mm	mm				
		1/4	3/8	1/2	3/4	1
L	59	60	74	80	94	
H	45	45	45	50	55	
D	60	60	80	80	110	