

TYPE 400/600 BRASS BALL VALVE

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)

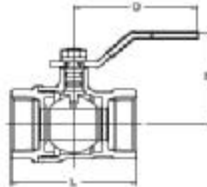
Screwed body cap, Blowout-proof Stem,
 Double O-ring stem seals
 Threaded ends to BS21 or solder joint ends.

TH

- Threaded end to BS21

CTH

- Solder joint end to ASME B16.18



Dimensions of TH, CTH

Nominal Size	in.	Unit: 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	-	-	-	
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

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

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

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

T

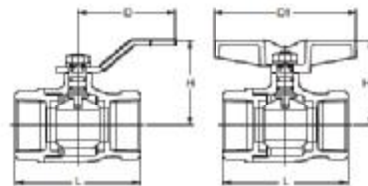
- Threaded end to BS21

TT

- Threaded end to BS21

AKT

- Threaded end to ASME B1.20.1



Dimensions of T, TT, AKT

Nominal Size	in.	Unit: 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	
L1	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	-	-	-	

*TH: 1/4 to 2

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

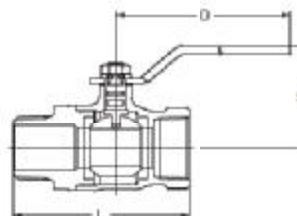
TYPE 400 BRASS BALL VALVE

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

Screwed body cap, Blowout-proof Stem,
 Double O-ring stem seals
 Male & Female Threaded ends to BS21

TO

- Threaded end to BS21



Dimensions of TO

Nominal Size	in.	Unit: 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	

Materials

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

*Nickel-chrome plated