

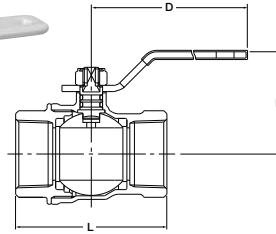
TYPE 600

BRASS BALL VALVE, FULL PORT

Bolted body and cap, Blowout-proof stem,
Double O-ring stem seals,
Threaded ends to ASME B1.20.1 or
solder joint ends

W.O.G. non-shock 4.14 MPa (600 psi)*, W.O.G. 150°C 1.03 MPa (150 psi)

*Size 4: W.O.G. non-shock 2.76 MPa (400 psi), W.O.G. 150°C 0.69 MPa (100 psi)



Materials

Parts	Material
Body	Brass/Bronze*
Body cap	Brass/Bronze*
Stem	Brass: Nickel plated
Ball	Brass: Tin-Nickel plated (Size 1/4 to 3) Brass: Nickel-chrome plated (Size 4)
Ball seat	PTFE
O-ring	FKM

*Size 4 only

⚠ 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.

Fig. AKSZA

Fig. CSZA

• Threaded end to ASME B1.20.1 • Solder joint to ASMB 16.18



*AKSZA only

Dimensions

Nominal Size	inch	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	mm	8	10	15	20	25	32	40	50	65	80	100
L		42	42	53	60	72	84	92	110	138	167	193
L1 Solder			46	54	73	88	100	115	140	164	187	
H		37	37	40	43	50	55	65	72	100	112	131
D		70	70	80	80	110	110	150	150	200	300	300

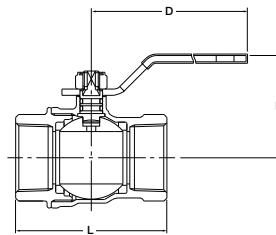
TYPE 600

BRASS BALL VALVE, FULL PORT

Bolted body and cap, Blowout-proof stem,
Double O-ring stem seals,
Threaded ends to BS21

W.O.G. non-shock 4.14 MPa (600 psi), W.O.G. 150°C 1.03 MPa (150 psi)

*Size 4: W.O.G. non-shock 2.76 MPa (400 psi), W.O.G. 150°C 0.69 MPa (100 psi)



Materials

Parts	Material
Body	Brass/Bronze*
Body cap	Brass/Bronze*
Stem	Brass: Nickel plated
Ball	Brass: Chrome free plated (Size 1/4 to 3) Brass: Nickel-chrome plated (Size 4)
Ball seat	PTFE
O-ring	FKM

*Size 4 only

Fig. SZA

• Threaded end to BS21

Dimensions

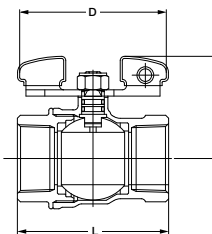
Nominal Size	inch	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	mm	8	10	15	20	25	32	40	50	65	80	100
L		42	42	53	60	72	84	92	110	138	167	193
H		37	37	40	43	50	55	65	72	101	113	131
D		70	70	80	80	110	110	150	150	200	300	300

TYPE 600

BRASS BALL VALVE, FULL PORT

Bolted body and cap, Blowout-proof stem,
Double O-ring stem seals,
Threaded ends to ASME B1.20.1 or
solder joint ends

W.O.G. non-shock 4.14 MPa (600 psi), W.O.G. 150°C 1.03 MPa (150 psi)



Materials

Parts	Material
Body	Brass
Body cap	Brass
Stem	Brass: Nickel plated
Ball	Brass: Tin-Nickel plated
Ball seat	PTFE
O-ring	FKM



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.

Fig. AKSZA

Fig. CSZA

• Threaded end to ASME B1.20.1 • Solder joint to ASME B16.18



*AKSZA only

Dimensions

Nominal Size	inch	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
	mm	8	10	15	20	25	32	40	50
L		42	42	53	60	72	84	92	110
L1 Solder			46	54	73	88	100	115	140
H		35	35	41	45	54	59	75	82
D		55	55	70	70	100	100	130	130