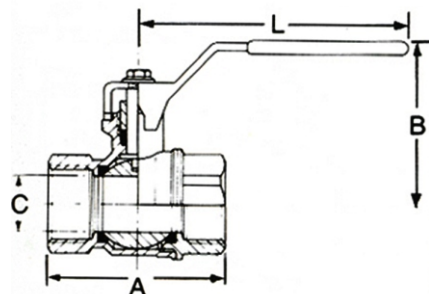
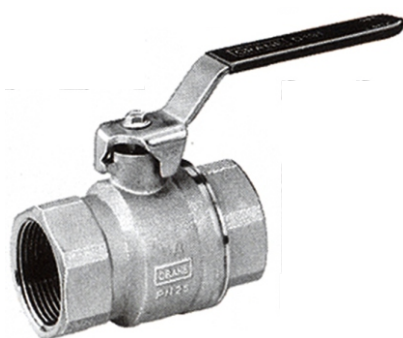




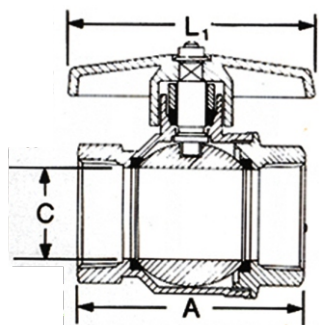
PN25

D191

Tested and certified by British Gas



D191



D191T

Copper Alloy Ball Valves

Threaded BS 21 (ISO7) or ANSI B1.20.1

END ENTRY - QUARTER-TURN • LEVER OR T-HANDLE OPERATION • TIGHT SHUT-OFF

PRESSURE/TEMPERATURE RATINGS

Temperature (°C)	-10 to 100	110	120	130	140	150	160	170	180	186
Pressure (bar)	25.0	23.4	21.8	20.0	18.3	16.5	14.7	12.8	11.3	10.5

TESTING

Each valve is individually tested for seat and shell tightness.

SPECIFICATION

- D191** Sizes ¼ to 4 (8 to 100mm) - Lever operated
Threaded BS 21 (ISO 7) Taper.
- D191T** Sizes ¼ to 2 (8 to 50mm) - T-handle operated
Threaded BS 21 (ISO 7) Taper.
- D191AT** Sizes ¼ to 4 (8 to 100mm) - Lever operated
Threaded ANSI B1.20.1
- P40** T-handle only
- P41** Lever only

PARTS AND MATERIALS

Part	Material
Body	Brass (nickel plated)
Seat retainer	Brass (nickel plated)
Seat	PTFE
Ball	Brass (chromium plated)
Stem	Brass
Gland	Brass
Packing	PTFE
Lever	Steel (plastic coated)
Lever retainig nut	Steel

DIMENSIONS AND WEIGHTS AND FLOW COEFFICIENTS

in	Size mm	A mm	B mm	C mm	L mm	L ₁ mm	Weight Kg	K _v
¼	8	48	37	10	80	39	0.15	9
⅜	10	48	37	10	80	39	0.14	11
½	15	56	39	13	80	39	0.19	20
¾	20	67	57	20	90	55	0.34	47
1	25	77	65	25	125	82	0.58	77
1 ¼	32	92	71	32	125	82	0.84	141
1 ½	40	103	79	40	140	110	1.32	198
2	50	122	87	50	140	110	2.03	338
2 ½	65	153	112	65	200	-	4.10	593
3	80	179	123	80	280	-	6.09	826
4	100	212	142	100	280	-	10.43	1449

