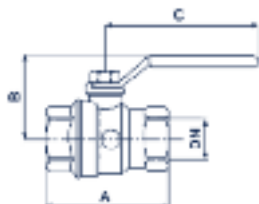


Ball Valves

Brass full bore – FIG 966S WRAS & EN 331

Dimensions



Available with yellow, blue or red lever.



Nominal size		A	B	C	Weight	966SYL Yellow Lever Product Code	966SBL Blue Lever Product Code	966SRL Red Lever Product Code
in	mm	mm	mm	mm	kg			
¼	8	48	47.5	85	0.14	37180506	37183106	37183202
½	10	50	48.5	85	0.14	37180517	37183117	37183213
¾	15	60	53.5	95	0.24	37180528	37183128	37183224
1	20	69	57	95	0.37	37180539	37183139	37183235
1½	25	84	65	115	0.60	37180550	37183150	37183246
2	32	99	74.5	135	1.09	37180561	37183161	37183257
2½	40	110	81	135	1.69	37180572	37183172	37183268
3	50	129	97	165	2.76	37180583	37183183	37183279

Locking Levers for BOSS 966S/968S

Yellow lever for ¼in & 15mm	37183010
¾in & 22mm	37183021
1in, 1½in & 28mm	37183032
1½in, 35mm & 42mm	37183043
2in & 54mm	37183054

Technical Specification

Connections	BSPT Female	
Pressure rating	Non-shock	-10 to 120°C
	¼ to 1in	40bar
	1½ to 2in	32bar
Temperature rating	180°C (365°F) at 10bar	

Specification

WRAS (WRC listed)
EN331 for 1st, 2nd & 3rd family gases

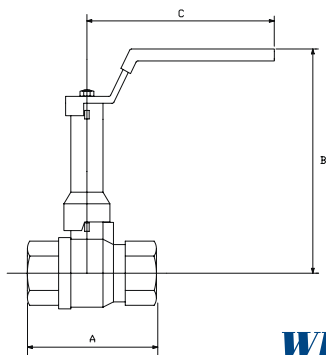
Material Specification

Body	Forged Brass (Nickel Chrome plated finish)
End connector	Forged Brass (Nickel Chrome plated finish)
Ball	Hard Chrome Plated Brass
Stem	Brass (Anti-blowout)
Seats	PTFE
Gland packing	PTFE
Lever	Zinc Plated Steel Yellow/Blue/Red PVC Sleeve

Ball Valves

Full Bore Extended Spindle – FIG 966EXT – WRAS & EN 331

Dimensions



WRAS
APPROVED
PRODUCT



Size in	A mm	B mm	C mm	Weight kg	Product Code
½	60	95	95	0.31	37180624
¾	69	99	95	0.4	37180635
1	84	106	115	0.68	37180646
1¼	99	116	135	0.62	37180657
1½	110	122.5	135	1.34	37180668
2	129	138.5	165	2.17	37180679

Technical Data

Connections	BSPT Female	
Pressure Rating	Non-shock	-10 to +120°C
	¼ to 1in	40bar
	1¼ to 2in	32bar
Temperature Rating	180°C (365°F) at 10bar	

Specification: WRAS (WRC Listed), EN331 for 1st, 2nd & 3rd family gases

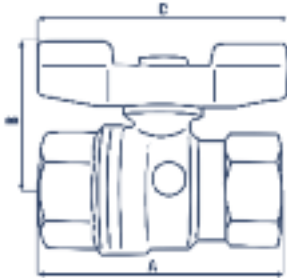
Materials of Construction

Body	Forged Brass (Nickel Chrome plated finish)
End connector	Forged Brass (Nickel Chrome plated finish)
Ball	Hard Chrome plated brass
Stem	Brass (Anti blowout)
Seats	PTFE
Gland packing	PTFE
Lever	Zinc plated steel with Yellow PVC sleeve

Ball Valves

Brass Full Bore – 'T' Handle FIG 966T WRAS & EN 331

Dimensions



Nominal Size		A	B	C	Weight	Product
in	mm	mm	mm	mm	kg	Code
¼	8	48	36	54	0.14	37180410
½	10	50	37	54	0.14	37180421
¾	15	60	42	54	0.24	37180432
1	20	69	45	54	0.37	37180443
1 ½	25	84	52	68	0.60	37180454
2	32	99	57	68	1.09	37180465

Technical Data

Connections	BSPT Female	
Pressure rating	Non-shock	-10° to 120°C
	¼ to 1in	40bar
	1½	32bar
Temperature Rating	180°C (365°F) at 10bar	

Specification: WRAS (WRC listed), EN331 for 1st, 2nd & 3rd family gases

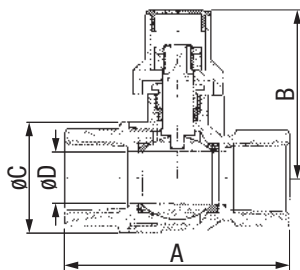
Materials of Construction

Body	Forged Brass (Nickel Chrome plated finish)
End connector	Forged Brass (Nickel Chrome plated finish)
Ball	Hard Chrome
	Plated Brass
Stem	Brass (Anti-blowout)
Seats	PTFE
Gland packing	PTFE
Lever	Red Painted Brass/Aluminium

Ball Valves

Brass Full Bore – Fig 966LS Lockshield WRAS & EN331

Dimensions



WRAS
APPROVED
PRODUCT



Size		A	B	C	D	Weight	Product
in	mm	mm	mm	mm	mm	kg	Code
½	15	60	50	32	13	0.24	37183726
¾	20	69	64	39	19	0.37	37183737
1	25	84	63	48.5	24	0.6	37183748
1¼	32	99	69	59	30	1.06	37183759
1½	40	110	84	69	37	1.69	37183770
2	50	129	96	85.5	49	96	37183781

4 Way Operating Key

½ to 1¼in	37183866
1½ to 2in	37183877

Technical Specification

Connections	BSPT Female
Pressure Rating	Non Shock = -10°C to 120°C ½ to 1in = 40bar 1¼ to 2in = 32bar
Temperature Rating	180°C (365°F) at 10bar

Specification: WRAS Listed, EN331 for 1st, 2nd & 3rd family gases

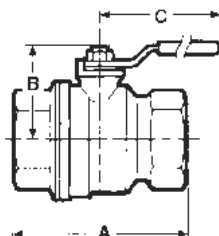
Material Specification

Body	Forged Brass (Nickel Chrome Plated)
End Connector	Forged Brass (Nickel Chrome Plated)
Ball	Hard Chrome Plated Brass
Stem	Brass – Anti Blow Out
Seats	PTFE
Gland Packing	PTFE
Operating Key	Bronze

Ball Valves

Ball Valve – FIG 967S Full Bore

Dimensions



Available with yellow or red lever.



Size		A	B	C	Weight	967SYL Yellow Lever Product Code	967SRL Red Lever Product Code
in	mm	mm	mm	mm	kg		
2½	65	143	101	172	3.05	37180805	37180594
3	80	160	109	172	4.35	37180816	37180602
4	100	203	131	185	6.68	37180827	37180613

Technical Data

Connections	Screwed BSPT Female
Pressure ratings	Non Shock = -10°C to 120°C 25bar (2½ & 3in) 20bar (4in)

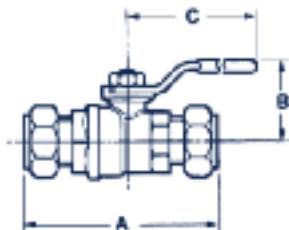
Materials of Construction

Body	Forged Brass OT58 to BS2872-CZ122 (Nickel Chrome Plated)
Ball	Diamond Finish Brass (Nickel Chrome Plated)
Stem	Brass OT58 to BS2872-C122 (Brass BS2874-CZ132)
Seat	PTFE
Stem thrust seal	PTFE
Stem 'O' Ring	Viton
Stem packing	PTFE
Lever	Zinc Plated Steel Yellow/Red PVC Sleeve

Ball Valves

Brass – FIG 968S Full Bore WRAS & EN331

Dimensions



Available with yellow, blue or red lever.



Nominal size mm	A mm	B mm	C mm	Weight kg	968SYL Yellow Lever Product Code	968SBL Blue Lever Product Code	968SRL Red Lever Product Code
15	76	51	95	0.24	37183309	37183405	37180709
22	84	59.5	115	0.37	37183320	37183416	37180720
28	95	63.5	115	0.60	37183331	37183427	37180731
35	107	74	135	1.09	37183342	37183438	37180742
42	117	79	135	1.69	37183353	37183449	37180753
54	114.5	95.5	165	2.76	37183364	37183460	37180764

Locking Levers for BOSS 966S/968S

Yellow lever for	1/2in & 15mm	37183010
	3/4in & 22mm	37183021
	1in, 1 1/2in & 28mm	37183032
	1 1/2in, 35mm & 42mm	37183043
	2in & 54mm	37183054

Technical Data

Connections	Compression Ends
Pressure rating	16bar at -10 to 30°C
	5bar at 120°C

Specification: WRAS Listed, EN331 for 1st, 2nd & 3rd family gases

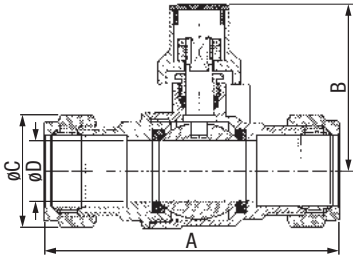
Materials of Construction

Body	Nickel Chrome Plated Brass
End nuts	Nickel Chrome Plated Brass
Olive	Brass
Ball	Chrome Plated Brass
Stem	Chrome Plated Brass
Seats	PTFE
Stem packing	PTFE
Lever	Zinc Plated Steel Yellow/Blue/Red PVC Sleeve

Ball Valves

Brass Full Bore – Fig 968LS Lockshield WRAS & EN331

Dimensions



Size		A	B	C	D	Weight	Product Code
in	mm	mm	mm	mm	mm	kg	
½	15	76	48	27.5	13	0.24	37183800
¾	22	84	53	26	19	0.37	37183811
1	28	95	60	44	24	0.6	37183822
1¼	35	107	77	53	30	1.09	37183833
1½	42	117	82	63	37	1.69	37183844
2	54	144.5	95	81	49	2.76	37183855

4 Way Operating Key

½ to 1¼in	37183866
1½ to 2in	37183877

Technical Specification

Connections	Compression
Pressure Rating	16bar @ -10°C to 30°C 5bar @ 120°C 32bar
Temperature Rating	180°C (365°F) at 10bar

Specification: WRAS Listed, EN331 for 1st, 2nd & 3rd family gases

Material Specification

Body	Nickel Chrome Plated Brass
End Nuts	Nickel Chrome Plated Brass
Olive	Brass
Ball	Chrome Plated Brass
Stem	Brass – Anti Blow Out
Seats	PTFE
Gland Packing	PTFE
Operating Key	Bronze

Ball Valves

Bronze – FIG 965S Full Bore

Dimensions



Nominal Size	A	C	P	HL	L	HF	F	Kv	Weight	Product
DN mm	mm	mm	mm						kg	Code
10 3/8	46	12.5	10	39	81	45	52	5.8	1.39	37171000
15 1/2	57	15.5	15	54	91.5	54	62	15.7	2.59	37171011
20 3/4	67	16.5	20	58	91.5	58	62	30.8	3.64	37171022
25 1	77	19.5	25	69	126.5	69	83	49.3	5.97	37171033
32 1 1/4	91	21.5	32	75	126.5	75	83	79	9.26	37171044
40 1 1/2	103	21.5	40	93	141.5	93	110	125.3	1.414	37171055
50 2	122	25	50	101	141.5	101	110	224.2	2.102	37171066
65 2 1/2	53	30	65	-	281.3	-	-	330.2	4.366	37171077
80 3	179	34	80	-	281.3	-	-	419.4	6.2	37171088

Technical Data

Connections	Threaded female x female (ISO 228/1)
Design according to	MSS-SP110
Air testing according to	EN12266-1
Max Pressure rating PN40 for DN<50	40bar up to 95°C / 10bar at 185°C
Max pressure Rating PN25 for DN>65	25bar up to 95°C / 10bar at 185°C
Temperature rating	Water: 0°C to +185°C Air: -10°C to +185°C

Materials of Construction

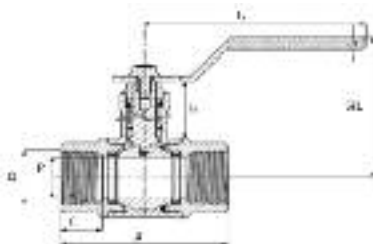
Fixed end	Bronze EN1982 CB491K
Stem	Brass EN12164 CW617N
Ball	Chromium pl. Brass EN12165 CW617N
Seat	PTFE
Body	Bronze EN1982 CB1491K
Packing Ring	PTFE
Packing Nut	Brass EN12164 CW617N
Screw	Geomet Steel EN10025 Fe42
Handle	Geomet Steel EN10025 Fe P11*

*With Red PVC cover

Ball Valves

BOSS 965NREXT Full Bore Bronze Ball Valve ½" to 2" (DN15 to DN50)

Dimensions



The BOSS 965NREXT with non rotating extension stem has been specifically designed for use in chilled water applications. The valve is full bore with female BSP Parallel threads¹

Technical Specification ½" to 2" DN15 - DN50

Size/DN	Maximum Pressure <95°C	Maximum Pressure >95°C	A mm	HL mm	h mm	L mm	G	P mm	C mm	Kvs (m³/h)	Weight (kg)	Product Code
½ DN15	PN25	PN16	57.00	98.20	59.00	91.50	½"	15.00	15.50	15.70	0.351	37171107
¾ DN20	PN25	PN16	59.00	101.70	59.00	91.50	¾"	20.00	16.50	30.80	0.461	37171118
1 DN25	PN25	PN16	77.00	110.60	64.00	126.50	1"	25.00	19.50	49.30	0.741	37171129
1¼ DN32	PN25	PN16	90.00	116.00	64.00	126.50	1¼"	32.00	21.50	79.00	1.117	37171140
1½ DN40	PN25	PN16	103.00	132.30	72.00	141.50	1½"	40.00	21.50	125.30	2.266	37171151
2 DN50	PN25	PN16	123.00	140.00	72.00	141.50	2"	50.00	25.00	224.20	3.644	37171162

Component List

Description	Material	Specification
Fixed End	Bronze	EN1982 CB491K
Ball	Brass (Chromium Plated)	EN12165 CW617N
Seat	PTFE	
Valve Body	Bronze	EN1982 CB491K
Stem	Brass	EN12164 CW617N
Anti Friction Ring	Brass	EN12164 CW617N
Packing Ring	PTFE	
Packing Nut Extension	Brass	EN12164 CW617N
Packing Nut	Brass	EN12164 CW617N
Screw	Steel	EN10025 Fe42
Handle	Steel ¹	EN10025 Fe11

¹ With Blue PVC Sleeve with White Markings

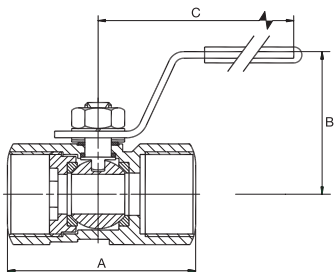
Applications

Air	-10°C to +150°C
Water	0°C to +150°C

Ball Valves

Reduced Bore – FIG LN190 1 pce1000WOG

Dimensions



Carbon Steel Valve

Size in	Bore Dia mm	A mm	B mm	C mm	Weight kg	Product Code
¼	4.5	39.8	35.5	61	0.068	36420204
⅜	6.5	44	36.2	61.5	0.092	36420215
½	9.1	57	47	89	0.192	36420226
¾	12.5	58.3	53.2	90.5	0.274	36420237
1	16	71.4	52.4	94	0.436	36420248
1¼	20	78.2	63.2	96	0.676	36420259
1½	25	82.8	71.1	133	0.864	36420270
2	32	100.9	79.7	131.5	1.492	36420281

Technical Data

Connections	Screwed BSPT Female
Pressure/Temperature	10.5bar at 180°C 70bar at -10 to +40°C

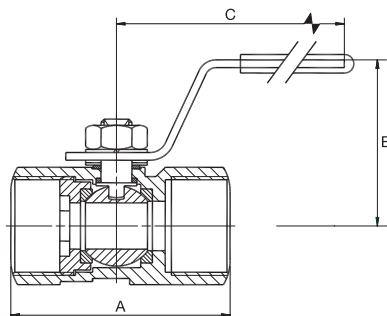
Materials of Construction

Body	ASTMA216-WCB
Retainer	ASTM A216-WCB/A108
Ball	ASTM A351-CF8/304
Seat	PTFE
Thrust washer	PTFE
Gasket	PTFE
Stem packing	PTFE
Belleville washer	AISI301
Stem	ASTM A276-304
Handle washer	AISI304
Handle nut	Zinc Plated Steel
Handle	AISI304
Handle cover	PVC

Ball Valves

Reduced Bore – FIG LN190 1 pce1000WOG

Dimensions



Stainless Steel Valve

Size in	Bore Dia mm	A mm	B mm	C mm	Weight kg	Product Code
¼	4.5	39.8	35.5	61	0.068	36420300
⅜	6.5	44	36.2	61.5	0.092	36420311
½	9.1	57	47	89	0.19	36420322
¾	12.5	58.3	53.2	90.5	0.27	36420333
1	16	71.4	52.4	94	0.436	36420344
1¼	20	78.2	63.2	96	0.664	36420355
1½	25	82.8	71.1	133	0.864	36420366
2	32	100.9	79.7	131.5	1.492	36420377

Technical Data Stainless Steel Valve

Connections	Screwed BSPT Female
Pressure/Temperature	10.5bar at 180°C 70bar at -10 to +40°C

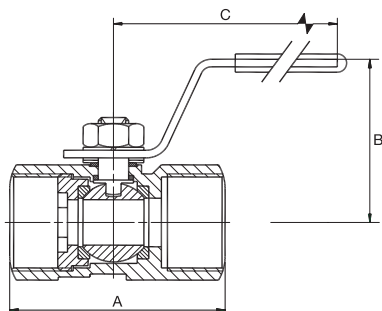
Materials of Construction

Body	ASTMA351-CF8M
Retainer	ASTM A351-CF8M/316
Ball	ASTM A351-CF8M/316
Seat	PTFE
Thrust washer	PTFE
Gasket	PTFE
Stem packing	PTFE
Belleville washer	AISI301
Stem	ASTM A276-316
Handle washer	AISI304
Handle nut	AISI304
Handle	AISI304
Handle cover	PVC

Ball Valves

Full Bore – FIG LN240 2 pce 1000WOG

Dimensions



Carbon Steel Valve

Nominal Size		Bore Dia	A	B	C	Weight	Product Code
in	mm	mm	mm	mm	mm	kg	
¼	8	11	51.5	53.3	103.5	0.264	36420108
⅜	10	12.5	51.5	53.3	103.5	0.252	36420119
½	15	15	63.2	58.5	123.6	0.378	36420130
¾	20	20	75.9	60.6	123.6	0.53	36420141
1	25	25.4	78.6	71.8	159	0.87	36420152
1¼	32	32	101.5	75.2	159.3	1.382	36420163
1½	40	38	108.6	92.5	149.9	2.21	36420174
2	50	50	122.5	101	190.7	3.35	36420185

Technical Data

Connections	Screwed BSPT Female
Pressure/Temperature	10.5bar at 180°C
	70bar at -10 to +40°C

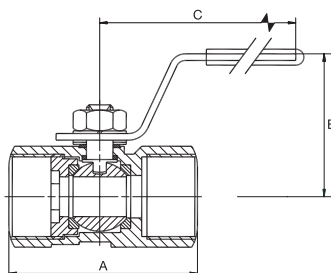
Materials of Construction

Body	ASTM A216-WCB
End cap	ASTM A216-WCB
Seat	PTFE
Gasket	PTFE
Ball	ASTM A351- CF8/304
Thrust washer	PTFE
Stem	ASTM A276-304
Stem packing	PTFE
Gland	AISI304
Handle	Zinc Plated Steel
Handle washer	AISI304
Handle nut	AISI304
Handle cover	PVC

Ball Valves

Full Bore – FIG LN240 2 pce 1000WOG

Dimensions



Stainless Steel Valve

Stainless Steel Valve							
Nominal Size		Bore Dia	A	B	C	Weight	Product
in	mm	mm	mm	mm	mm	kg	Code
¼	8	11	51.5	53.3	103.5	0.264	36420001
⅜	10	12.5	51.5	53.3	103.5	0.25	36420012
½	15	15	63.2	58.5	123.6	0.378	36420023
¾	20	20	75.9	60.6	123.6	0.54	36420034
1	25	25.4	78.6	71.8	159	0.886	36420045
1¼	32	32	101.5	75.2	159.3	1.382	36420056
1½	40	38	108.6	92.5	149.9	2.2	36420067
2	50	50	122.5	101	190.7	3.34	36420078

Technical Data

Connections	Screwed BSPT Female
Pressure/Temperature	10.5bar at 180°C
	70bar at -10 to +40°C

Materials of Construction

Body	ASTMA351-CF8M
End cap	ASTMA351-CFM8
Seat	PTFE
Gasket	PTFE
Ball	ASTM A351-CF8M/316
Thrust washer	PTFE
Stem	ASTM A276-316
Stem packing	PTFE
Gland	AISI304
Handle	AISI304
Handle washer	AISI304
Handle nut	AISI304
Handle cover	PVC

Ball Valves

BOSS Miniball Valves

Technical Specification - Reduced bore

Maximum operating pressure 10bar (150lbf/in²)

Maximum operating temperature 100°C (212°F)

Approved by the Water Research Council

Material

Body Brass or Enkotal Alloy

Seal EPDM

Stem 'O' Rings EPDM

Finish Raw, Chrome-plated or Nickel-plated

Applications

Hot and cold water services, chilled water

Note 1

The use of female parallel threaded valves on chilled water applications is not recommended. Male threaded or compression type valves should be used.



Note 2

The standard valve is not suitable for gas or oil applications but valves can be supplied on an ex-works delivery with alternative seals to suit these duties.

Copper x Copper Compression Connections

Material	Finish	Size	Code
DZR/Enkotal	Chrome Plated	15mm	86310102
		22mm	86310113
		28mm	86310124
	Raw	15mm	86314527
		22mm	86314538
		28mm	86314549



Female x Female Screwed Connections

Material	Finish	Size	Code
DZR/Enkotal	Chrome Plated	½in	86310039
		¾in	86310050
		1in	86310681
	Raw	½in	86314228
		¾in	86314239



Male x Female Screwed Connections

Material	Finish	Size	Code
DZR	Chrome Plated	½in	86310829
		¾in	86310840



Ball Valves

BOSS Miniball Valves

Screwed Female x Copper Connections

Material	Finish	Size	Code
DZR/Enkotal	Chrome Plated	1/8" x 12mm	86310157
		1/8" x 15mm	86310168
		1/8" x 22mm	86310179



Straight Swivel Female Union x Copper Compression Connections

Material	Finish	Size	Code
Enkotal	Chrome Plated	15mm x 1/8"	86316103



Plastic Handles

Material	Finish	Size	Code
Plastic	Black	10-15mm	86310574
	Blue	10-15mm	86310585
	Red	10-15mm	86310596
	Black	20-28mm	86310604



Angle Swivel Female Union x Copper Compression Connections

Material	Finish	Size	Code
Enkotal	Chrome Plated	15mm x 1/8"	86316114



Ball Valves

BOSS® Miniball Filter Ball Valves

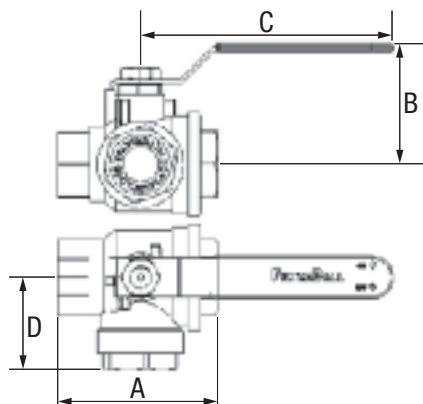
The BOSS Miniball Filter Ball Valve is designed so that the filter element can be easily cleaned or replaced. The ball is turned clockwise to the closed position and the side plug can then be removed. This allows easier access to the filter with no loss or leakage of the liquid. The flow direction is marked on the body.

Material	Finish	Screen	Size	Code
DZR Body	Chrome Plated	Stainless Steel	15mm	86310925
			22mm	86310936

WRAS
APPROVED
PRODUCT



BOSS® Filter Ball Valve with Integral Filter PN20



Dimensions

Ball Valves

BOSS® Filter Ball Valve with Integral Filter PN20



Size in	A mm	B mm	C mm	D mm	Weight kg	BSS Code
½	77	61	120	44	0.80	37130007
¾	77	61	120	44	0.70	37130018
1	95	66	120	51	1.20	37130029
1¼	111	82	150	60	1.90	37130040
1½	127	89	150	74	3.00	37130051
2	154	120	200	90	5.00	37130062

Technical Specification

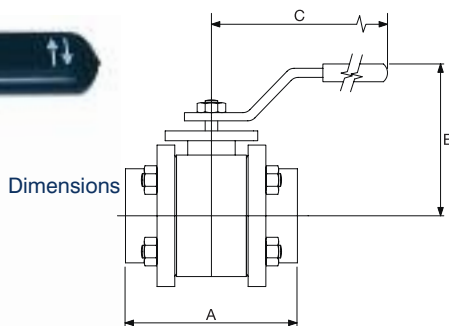
Connections	Screwed BSPT Female
Pressure/Temperature	20bar at -10 to 120°C

Material

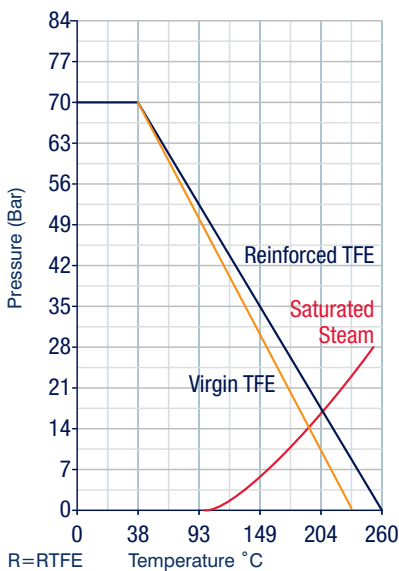
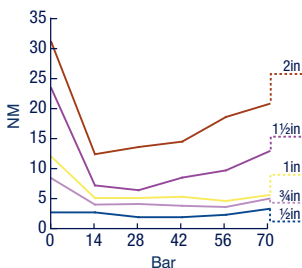
Body/Ball	DZR Copper Alloy CZ132BS2872
Stem	DZR Copper Alloy CZ132BS2874
Seat	PTFE
Screen/Filter	Stainless Steel
Stem seal	Viton
Lever handle	Pressed Steel

Stainless Steel Ball Valves

Full Bore Antistatic Ball Valve 3 pce Non-Firesafe 1000WOG



Operation under pressure
(differential pressure) – Torque Test



Stainless Steel Ball Valves

Full Bore Antistatic Ball Valve 3 pce Non-Firesafe 1000WOG

		Operation under pressure (differential pressure) – Torque Test					
Size in	mm	0 Bar	14 Bar	28 Bar	41 Bar	55 Bar	69 Bar
½	15	2.7	2.7	1.9	1.9	2.3	3.3
¾	20	8.4	4.0	4.1	3.8	3.6	5.0
1	25	12.0	5.1	5.1	5.3	4.6	5.6
1½	40	23.4	7.2	6.4	8.5	9.7	12.9
2	50	31.1	12.4	13.6	14.5	18.6	20.8

Other seat options & end connections available on request

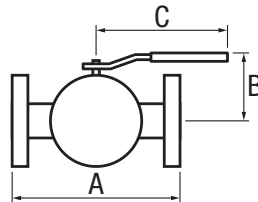
		Dimensions			BSPT ends	SW ends
Size in	mm	A mm	B mm	C mm	Product Code	Product Code
½	15	70.2	60	106	30900011	30900140
¾	20	77	72	128	30900022	30900151
1	25	92	78	128	30900033	30900162
1½	40	120	93	199	30900044	30900173
2	50	138	104	199	30900055	30900184

Materials of Construction

Body	A351 CF8M
Stem	A276 316SS
Body cap	A351 CF8M
Ball	Stainless Steel A351 CF8M
Seat	15% Glass filled PTFE
Stem seal	15% Glass filled PTFE
Body seals	Virgin PTFE
Thrust seals	35% Graphite or Carbon filled PTFE
Gland packing	Graphite
Ident label	Stainless Steel
Spring & plunger	Stainless Steel

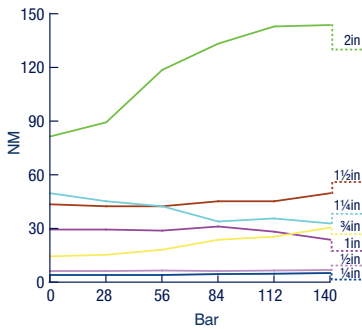
Stainless Steel Ball Valves

Full Bore Antistatic Ball Valve 3pce Firesafe Class 800



Dimension key only

Operation under pressure
(differential pressure) – Torque Test



Stainless Steel Ball Valves

Full Bore Antistatic Ball Valve 3pce Firesafe Class 800

		Operation under pressure (differential pressure) – Torque Test					
Size		0 Bar	28 Bar	55 Bar	83 Bar	110 Bar	138 Bar
in	mm						
½	15	6.2	6.2	6.2	6.5	6.5	6.8
¾	20	14.4	15.3	18.1	23.7	25.4	30.5
1	25	29.4	29.4	28.8	31.1	28.2	23.7
1¼	32	49.7	45.2	42.4	33.9	35.6	32.8
1½	40	43.5	42.4	42.4	45.2	45.2	49.7
2	50	81.4	89.3	118.6	133.3	142.9	143.7

Other seat options & end connections available on request

		Dimensions			BSPT ends	SW ends
Size		A	B	C	Product Code	Product Code
in	mm	mm	mm	mm		
½	15	69.6	66.3	110	30901485	30901496
¾	20	81.0	76.5	143	30901504	30901515
1	25	95.0	85.2	145	30901526	30901537
1¼	32	108.2	92.5	190	30901548	30901559
1½	40	120.0	98.5	190	30901570	30901581
2	50	143.0	134.4	295	30901592	30901600

Firesafe certified: API 607

Materials of Construction

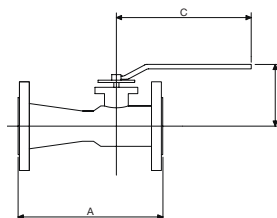
Body	A351-CF8M
Anti-static stem	A276 316SS
Body cap	A351-CF8M
Ball	Stainless Steel A351-CF8M
Seat	TFE/RTFE
Stem seal	TFE/RTFE
Union seals	Graphite
Stem packing	Graphite
Identification label	Stainless Steel
Spring & plunger	Stainless Steel

Stainless Steel Ball Valves

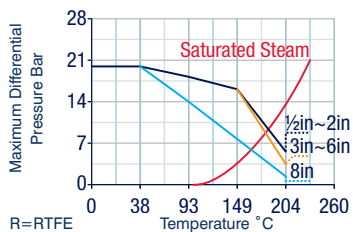
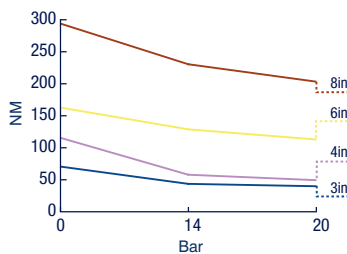
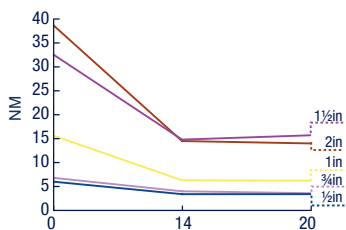
Reduced Bore Ball Valve 1 pce Firesafe Class 150



Dimensions



Operation under pressure
(differential pressure) – Torque Test



Stainless Steel Ball Valves

Reduced Bore Ball Valve 1 pce Firesafe Class 150

Size in mm	Operation under pressure (differential pressure) – Torque Test			Dimensions			Stainless steel
	0 Bar	14 Bar	20 Bar	A mm	B mm	C mm	Product Code
½ 15	6.0	3.4	3.4	108	65	154	30900066
¾ 20	6.8	4.0	3.6	117	68.5	154	30900077
1 25	15.6	6.3	6.2	127	82.96	171	30900088
1½ 40	32.5	14.8	15.7	165	101.4	250	30900099
2 50	38.6	14.5	14.0	178	107.4	250	30900107
3 80	70.5	43.6	39.9	203	150.7	400	30900118
4 100	115.3	57.9	49.4	229	163.2	400	30900129
6 150	162.7	128.8	113.0	267	166.7	609	30901057
8 200	293.8	230.5	203.4	292	261.5	1000	30901205

Other seat options available on request

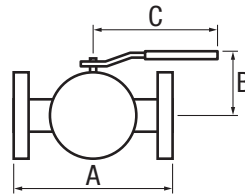
Firesafe certified: API 607

Materials of Construction

Body	A351CF8M
Body cap	A351CF8M
Stem	A276 316SS
Ball	Stainless Steel A351CF8M
Seat	15% Glass Filled PTFE
Stem seal	PTFE
Body seals	Virgin PTFE
Thrust seals	15% Glass Filled PTFE
Gland packing	Flexible Graphite with Corrosion Inhibitor
Ident label	Stainless Steel
Spring plunger	Stainless Steel

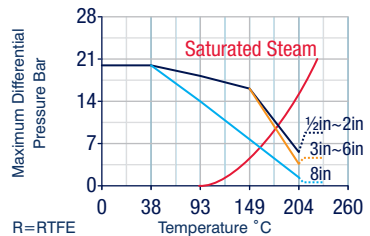
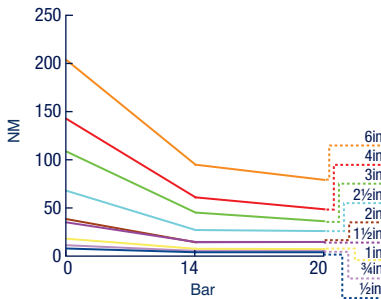
Stainless Steel Ball Valves

Full Bore Antistatic Ball Valve 2pce Firesafe Class 150



Dimension key only

Operation under pressure
(differential pressure) – Torque Test



Stainless Steel Ball Valves

Full Bore Antistatic Ball Valve 2pce Firesafe Class 150

Size in mm	Operation under pressure (differential pressure) – Torque Test			Dimensions			Stainless steel
	0 Bar	14 Bar	20 Bar	A mm	B mm	C mm	Product Code
½ 15	7.9	4.0	4.0	108	67	131	30901216
¾ 20	11.3	5.4	5.4	117	80	178	30901249
1 25	18.1	7.6	7.3	127	85	198	30901282
1½ 40	35.0	14.7	14.7	165	114	255	30901312
2 50	38.4	14.4	14.7	178	122	255	30901345
3 80	108.5	45.2	36.2	203	171	400	30901378
4 100	142.4	61.0	48.6	229	202	460	30901419
6 150	203.4	94.9	79.1	393.7	270	610	30901452

Other seat options available on request

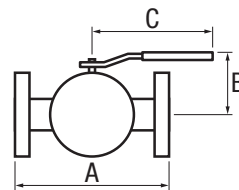
Firesafe certified: API 607

Materials of Construction

Body	A351 CF8M
Anti-static stem	A276 316SS
Body cap	A351 CF8M
Ball	Stainless Steel A351 CF8M
Seat	TFE/RTFE
Stem seal	TFE/RTFE
Stem packing	Graphite
Body seal	SS304+Graphite
Ident label	Stainless Steel
Spring & plunger	Stainless Steel

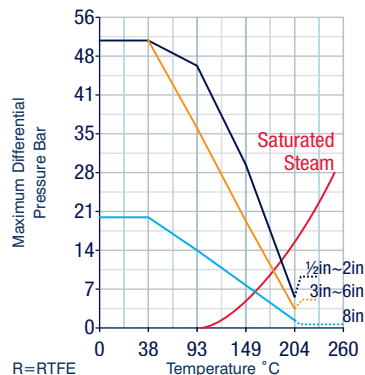
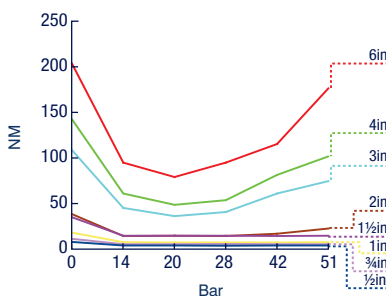
Stainless Steel Ball Valves

Full Bore Antistatic Ball Valve 2pce Firesafe Class 300



Dimension key only

Operation under pressure
(differential pressure) – Torque Test



R=RTFE

Stainless Steel Ball Valves

Full Bore Antistatic Ball Valve 2pce Firesafe Class 300

Size in mm	Operation under pressure (differential pressure) – Torque Test							Dimensions			Stainless Steel
	0 Bar	14 Bar	20 Bar	28 Bar	41 Bar	51 Bar		A mm	B mm	C mm	Product Code
½ 15	7.9	4.0	4.0	3.7	4.0	4.0		139.7	75.5	131	30901227
¾ 20	11.3	5.4	5.4	5.6	5.4	5.4		152.4	76.5	178	30901260
1 25	18.1	7.6	7.3	7.3	7.3	7.6		165	85	198	30901293
1½ 40	35.0	14.7	14.7	14.7	14.4	14.7		190	114	255	30901323
2 50	38.4	14.4	14.7	14.4	16.9	22.6		216	122	255	30901356
3 80	108.5	45.2	36.2	40.7	61.0	74.6		282.5	171	400	30901389
4 100	142.4	61.0	48.6	53.7	81.4	101.7		304.8	202	460	30901430
6 150	203.4	94.9	79.1	94.9	115.3	176.3		403.35	270	610	30901463

Other seat options available on request

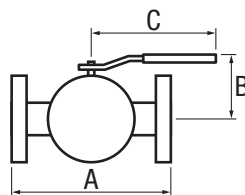
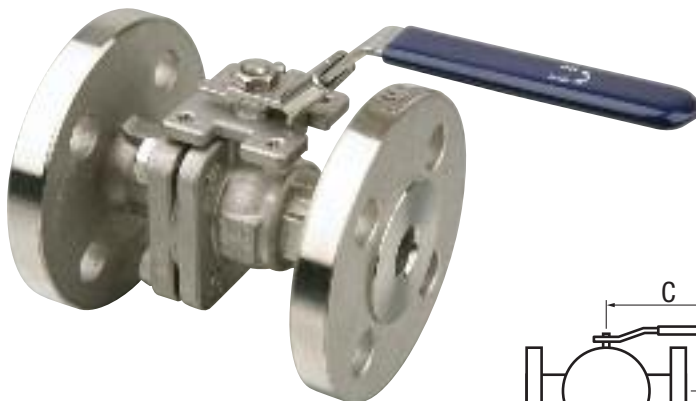
Firesafe certified: API 607

Materials of Construction

Body	A351 CF8M
Anti-Static Stem	A276 316SS
Body cap	A351 CF8M
Ball	Stainless Steel A351 CF8M
Seat	TFE/RTFE
Stem seal	TFE/RTFE
Stem packing	Graphite
Body seal	SS304+Graphite
Ident label	Stainless Steel
Spring & plunger	Stainless Steel

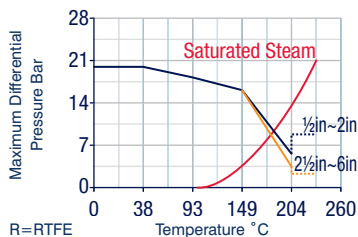
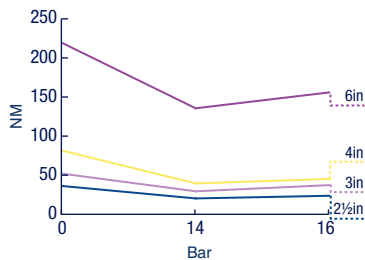
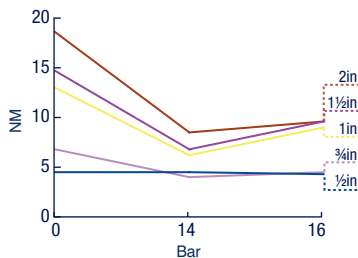
Stainless Steel Ball Valves

Full Bore Antistatic Ball Valve 2pce Firesafe PN16



Dimension key only

Operation under pressure
(differential pressure) – Torque Test



Stainless Steel Ball Valves

Full Bore Antistatic Ball Valve 2pce Firesafe PN16

Size		Operation under pressure (differential pressure) – Torque Test			Dimensions			Stainless steel
		0 Bar	14 Bar	16 Bar	A mm	B mm	C mm	Product Code
½	15	4.5	4.5	4.3	111	70.5	131.4	30901238
¾	20	6.8	4.0	4.5	116	77	177	30901271
1	25	13.0	6.2	9.0	121	87.8	197	30901301
1½	40	14.7	6.8	9.6	140	117.4	250	30901334
2	50	18.6	8.5	9.6	150	130.17	250	30901367
3	80	52.0	29.4	37.3	180	171.55	405	30901408
4	100	81.4	39.5	45.2	190	199.15	460	30901441
6	150	219.2	135.6	155.9	350	255.85	610	30901474

Other seat options available on request

Firesafe certified: API 607

Materials of Construction

Body	EN-1.0619 or EN-1.4408
Anti-static stem	A276 316SS
Body cap	EN-1.0619 or EN-1.4408
Ball	Stainless Steel A351-CF8M
Seat	TFE/RTFE
Stem seal	TFE/RTFE
Union seals	304SS+Graphite
Stem packing	Graphite
Ident label	Stainless Steel
Spring & plunger	Stainless Steel