

DR Brass Ball Valves - Maxiflo

Due to the serious threat that dezincification exposes to our water industry it is essential today that DEZINCIFICATION RESITANT (DR) valves are used in the appropriate applications. This include DR valves on all potable water services including water tanks.

AAP in keeping with the demand, offer many configurations of DR maxiflo ball valves, including male/female threaded valves with optional T/Handle and extension spindle. We can also supply Lilac painted handles for recycled water use.

	Materials
PART	MATERIAL
Body	DR Brass
Seat Retainer	DR Brass
Seat	P.T.F.E.
Ball	DR Brass (Chromium Plated)
Stem	DR Brass
Gland	DR Brass
Packing	Viton (Double O-Ring)
Lever	Stainless Steel (Plastic Coated)
Lever Retaining Nut	Brass
T'Handle (Optional)	DR Brass

Specifications				
Thread	AS1722.1			
Max Working Temperature	150°C (Gas = 60°C)			
Cold Working Pressure	2500kPa (Gas = 1050kPa)			

Applications - Apart from potable water, it is also approved for the use on low pressure gas services. It can also be used on oils, chemicals and hydrocarbons.



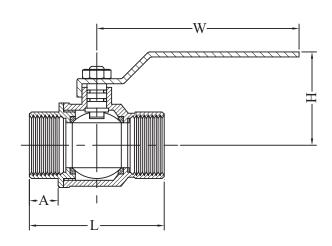




DR Brass Ball Valve

	DR Brass Ball Valve							
AAP (CODE	IMPEDIAL					ADDDOY	
LEVER	LOCKABLE LEVER	IMPERIAL SIZE	L	Н	W	A	APPROX. KG/PC	
VBBD08		1/4	49.5	35	85	12	0.16	
VBBD10		3/8	49.5	35	85	16	0.14	
VBBD15	VBBD15L	1/2	60	39	95	16.5	0.2	
VBBD20	VBBD20L	3/4	66.5	43	115	18	0.3	
VBBD25	VBBD25L	1	76	59.5	115	19.5	0.43	
VBBD32	VBBD32L	1 1/4	92.8	63	125	23	0.73	
VBBD40	VBBD40L	1 1/2	100.5	77	180	23	1.12	
VBBD50	VBBD50L	2	122	89	180	27	1.72	
VBBD65		2 1/2	151	112	257	30	3.84	
VBBD80		3	174	120	301	37	5.39	





DR Brass Ball Valve Extended Spindle Type

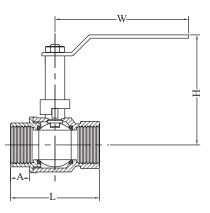
	DR Brass Ball Valve Extended Spindle Type							
AAP CODE	IMPERIAL SIZE	L	Н	W	Α	APPROX. KG/PC		
VBBD15EL	1/2	60	89	95	16.5	0.32		
VBBD20EL	3/4	66.5	92	115	18	0.45		
VBBD25EL	1	76	95	115	19.5	0.6		
VBBD32EL	1 1/4	92.8	128	125	23	1.1		
VBBD40EL	1 1/2	100.5	132	180	23	1.37		
VBBD50EL	2	122	146	180	27	2.06		











DR Brass Ball Valve C/W T Handle

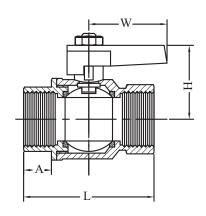
DR Brass Ball Valve C/W T Handle						
AAP CODE	IMPERIAL SIZE	L	н	W	Α	APPROX. KG/PC
VBBD15TH	1/2	60	56	47	16.5	0.21
VBBD20TH	3/4	66.5	64	59	18	0.32
VBBD25TH	1	76	73	59	19.5	0.45







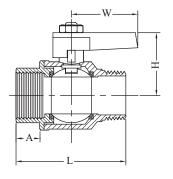




DR M/F Brass Ball Valve C/W T Handle



	DR M/F Brass Ball Valve C/W T Handle						
AAP CODE	IMPERIAL SIZE	L	н	w	А	APPROX. KG/PC	
VBBDMF15TH	1/2	60	56	47	16.5	0.21	
VBBDMF20TH	3/4	66.5	64	59	18	0.32	
VBBDMF25TH	1	76	73	59	19.5	0.45	



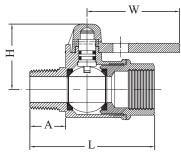




DR M/F Brass Ball Valve C/W Locking T Handle



DR M/F Brass Ball Valve C/W Locking T Handle						
AAP CODE	IMPERIAL SIZE	L	н	w	A	APPROX. KG/PC
VBBDMF20LTH	3/4	66.5	64	58	18	0.5





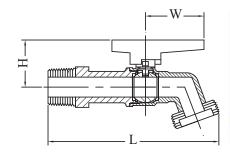


DR Brass Ball Cock C/W Brass T Lever



DR Brass Ball Cock C/W Brass T Lever										
AAP (AAP CODE		AAP CODE		AAP CODE			н	w	APPROX.
T - LEVER	VANDLE	SIZE	_	П	VV	KG/PC				
VBCD15	VBCD15VP	1/2	97	60	32	0.23				
VBCD20	VBCD20VP	3/4	105	60	33	0.31				
VBCDK	KEY					0.07				





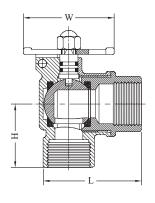


DR Brass Right Angle Ball Valve C/W Round Handle (Stainless Steel Ball)

DR Right Angle Ball Valve with Round Handle					
AAP CODE	IMPERIAL SIZE	L	н	W	APPROX. KG/PC
VBBDA20	3/4	62	40	56	0.54







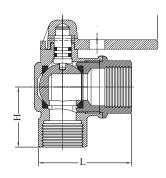


DR Brass Right Angle Ball Valve C/W T-Lever (Stainless Steel Ball)

DR Right Angle Ball Valve with T-Lever					
AAP CODE	IMPERIAL SIZE	L	н	W	APPROX. KG/PC
VBBDA20T	3/4	62	40	58	0.46







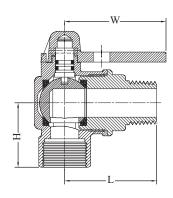


DR Brass Right Angle Ball Valve M/F C/W T-Lever (Stainless Steel Ball)

DR Right Angle Ball Valve M/F with T-Lever					
AAP CODE	IMPERIAL SIZE	L	н	W	APPROX. KG/PC
VBBDAM20T	3/4	62	40	58	0.46







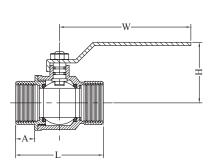


AGA Approved Gas Ball Valve - Maxiflo

LICENCE - Australian Gas Association AGA 6017







MATERIALS				
PART	MATERIAL			
Body	Brass (Nickel Plated)			
Seat Retainer	Brass (Nickel Plated)			
Seat	P.T.F.E.			
Ball	Brass (Chromium plated)			
Stem	Brass			
Gland	Brass			
Packing	Viton (Double O-Ring)			
Lever	Stainless Steel (Plastic Coated)			
Lever Retaining Nut	Brass (Nickel Plated)			

SPECIFICATIONS						
Thread	AS1722.1					
Max Working Temperature	60°C					
Cold Working Pressure	2500kPa					

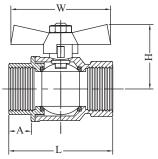
Application - For low to medium gas applications. Can also be used for certain chemicals and oils



	Gas Brass Ball Valve									
AA	P CODE	IMPERIAL					APPROX.			
LEVER	LOCKABLE LEVER	SIZE	L	Н	W	Α	KG/PC			
VGAS08		1/4	49.5	35	85	12	0.16			
VGAS10		3/8	49.5	35	85	16	0.14			
VGAS15	VGAS15L	1/2	60	39	95	16.5	0.2			
VGAS20	VGAS20L	3/4	66.5	43	115	18	0.3			
VGAS25	VGAS25L	1	76	59.5	115	19.5	0.43			
VGAS32	VGAS32L	1 1/4	92.8	63	125	23	0.74			
VGAS40	VGAS40L	1 1/2	100.5	77	180	23	1.12			
VGAS50	VGAS50L	2	122	89	180	27	1.72			
VGAS65		2 1/2	151	112	257	30	3.48			
VGAS80		3	174	120	301	37	5.02			
VGAS94		4	212	144	340	40	8.4			

Gas Brass Ball Valve with T Handle





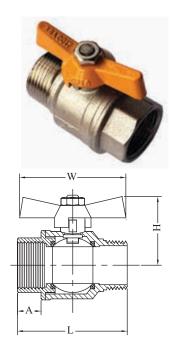
Gas Brass Ball Valve with T Handle									
AAP CODE	IMPERIAL SIZE	L	н	W	Α	APPROX. KG/PC			
VGAS08TH	1/4	49.5	35	48	12	0.16			
VGAS10TH	3/8	49.5	35	48	16	0.14			
VGAS15TH	1/2	60	35	55	16.5	0.2			
VGAS20TH	3/4	66.5	40	55	18	0.3			
VGAS25TH	1	76	43	72	19.5	0.43			



Gas Brass Ball Valve M/F C/W T Handle

Gas Brass Ball Valve M/F with T Handle										
AAP CODE	IMPERIAL SIZE	L	H	W	Α	APPROX. KG/PC				
VGASMF08TH	1/4	49.5	35	48	12	0.16				
VGASMF10TH	3/8	49.5	35	48	16	0.14				
VGASMF15TH	1/2	60	35	55	16.5	0.2				
VGASMF20TH	3/4	66.5	40	55	18	0.3				
VGASMF25TH	1	76	43	72	19.5	0.43				

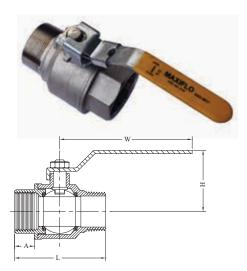




Gas Brass Lockable Ball Valve M/F

Gas Brass Lockable Ball Valve M/F								
AAP CODE	IMPERIAL SIZE	L	н	W	Α	APPROX. KG/PC		
VGASMF50L	2	122	89	180	27	1.72		

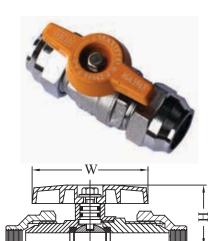




Flared Gas Brass Ball Valve

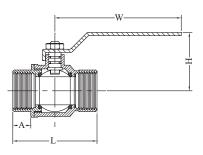
Flared Gas Ball Valve									
AAP CODE	IMPERIAL SIZE	L	н	W	APPROX. KG/PC				
VF10	3/8	77	32	62	0.23				
VF15	1/2	83	32	62	0.24				
VF20	3/4	85	34	62	0.35				





General Purpose Brass Ball Valve - Maxiflo





Material List							
PART	MATERIAL						
Body	Brass (Nickel Plated)						
Seat Retainer	Brass (Nickel Plated)						
Seat	P.T.F.E.						
Ball	Brass (Chromium plated)						
Stem	Brass						
Gland	Brass						
Packing	Viton (Double O-Ring)						
Lever	Stainless Steel (Plastic Coated)						
Lever Retaining Nut	Brass (Nickel Plated)						

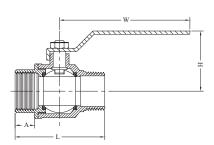
Specifications						
Thread	AS1722.2					
Max Working Temperature	150°C					
Cold Working Pressure	2500kPa					

Applications - Ideal for hot and cold water (Non-Potable), various oils, chemicals and compressed air

	General Purpose Ball Valve										
AAP CODE	IMPERIAL SIZE	L	н	W	А	APPROX. KG/PC					
VBB08	1/4	49.5	35	85	12	0.16					
VBB10	3/8	49.5	35	85	16	0.14					
VBB15	1/2	60	39	95	16.5	0.2					
VBB20	3/4	66.5	43	115	18	0.3					
VBB25	1	76	59.5	115	19.5	0.43					
VBB32	1 1/4	92.8	63	125	23	0.74					
VBB40	1 1/2	100.5	77	180	23	1.1					
VBB50	2	122	89	180	27	1.72					
VBB65	2 1/2	151	112	257	30	3.48					
VBB80	3	174	120	301	37	5.02					
VBB94	4	212	144	340	40	8.4					

General Purpose M/F Brass Ball Valve

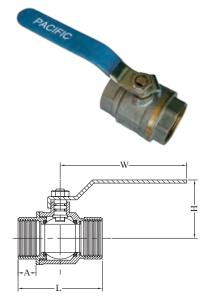




	General Purpose M/F Ball Valve										
AAP CODE	IMPERIAL SIZE	L	Н	W	Α	APPROX. KG/PC					
VBBMF08	1/4	49.5	35	85	12	0.16					
VBBMF10	3/8	49.5	35	85	16	0.14					
VBBMF15	1/2	60	39	95	16.5	0.2					
VBBMF20	3/4	66.5	43	115	18	0.3					
VBBMF25	1	76	59.5	115	19.5	0.43					
VBBMF32	1 1/4	92.8	63	125	23	0.74					
VBBMF40	1 1/2	100.5	77	180	23	1.1					
VBBMF50	2	122	89	180	27	1.72					

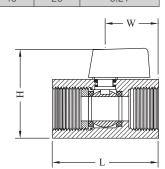
Short General Purpose Brass Ball Valves - Pacific

Short General Purpose Brass Ball Valves - Pacific									
AAP CODE	IMPERIAL SIZE	L	Ε	W	Α	APPROX. KG/PC			
VB15	1/2	47	40.5	86	11.5	0.16			
VB20	3/4	52.5	48.5	94	12	0.22			
VB25	1	62.5	49.5	104	13.5	0.36			
VB32	1 1/4	73	58.5	122	15	0.47			
VB40	1 1/2	83	68	152	15.5	0.83			
VB50	2	93	83.5	152	16.5	1.21			



Mini Brass Ball Valve

Mini Brass Ball Valve									
AAP (AAP CODE			н	W	APPROX.			
F/F	M/F	SIZE	_		•	KG/PC			
VBBM06	VBBMMF06	1/8	42	35	21	0.08			
VBBM08	VBBMMF08	1/4	40	35	20	0.08			
VBBM10	VBBMMF10	3/8	41	36	20	0.08			
VBBM15	VBBMMF15	1/2	45	41	22	0.11			
VBBM20	VBBMMF20	3/4	53	46	26	0.21			

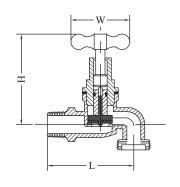






Brass Hose Cock

Brass Hose Cock						
AAP CODE IMPERIAL L H W						
VBHC15	1/2	97	77	50	0.31	
VBHC20	3/4	94.5	77	50	0.35	

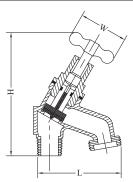




Brass Hose Cock Wall Mount



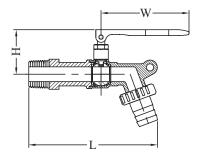
Brass Hose Cock Wall Mount							
AAP CODE IMPERIAL L H W APPE							
VBHC15WM	1/2	82	108	51	0.37		
VBHC20WM	3/4	82	118	51	0.4		



Brass Lock Lever BIB Cock



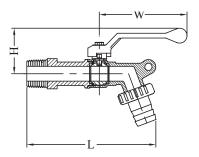
Brass Lock Lever BIB Cock						
AAP CODE	IMPERIAL SIZE	L	Н	APPROX. KG/PC		
VBC20L	3/4 X 1	105	40	0.22		
VBC2020L	3/4 x 3/4	105	40	0.25		



Brass BIB Cock C/W SS Lever

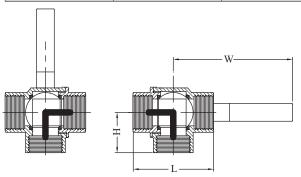


Brass BIB Cock C/W SS Lever							
AAP CODE	AAP CODE IMPERIAL SIZE				н	W	APPROX. KG/PC
VBC15	1/2	135	40	85	0.16		
VBC20	3/4	135	40	85	0.23		
VBC25	1	160	40	85	0.34		



3 Way TN Brass Ball Valve (PN16)

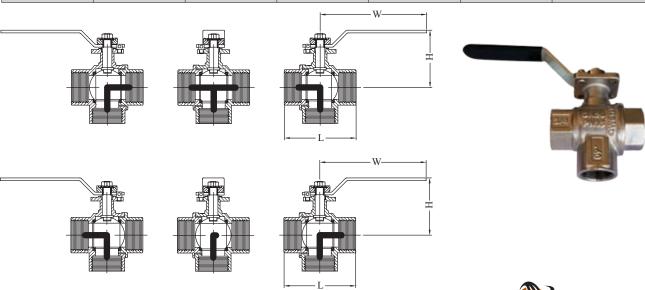
	3 Way TN Brass Ball Valve (Side-Entry, L Port)							
AAP CODE	IMPERIAL SIZE	L	Н	W	APPROX. KG/PC			
VBBTN308	1/4	55	40	80	0.25			
VBBTN310	3/8	55	40	80	0.25			
VBBTN315	1/2	60	46	95	0.31			
VBBTN320	3/4	68	53	110	0.49			
VBBTN325	1	82	64	110	0.74			
VBBTN332	1 1/4	97	75	139	1.23			
VBBTN340	1 1/2	102	84	139	1.71			
VBBTN350	2	121	100	158	2.73			





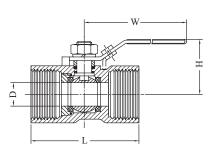
Brass 3 Way Ball Valve (PN10) ISO 5211 Direct Mounting

Brass 3 Way Ball Valve								
AAP	CODE	IMPERIAL		н	W	APPROX.		
L - PORT	T - PORT	SIZE	_		· ·	KG/PC		
VBBTW08L	VBBTW08	1/4	52	42	98	0.25		
VBBTW10L	VBBTW10	3/8	52	42	98	0.25		
VBBTW15L	VBBTW15	1/2	64	45	98	0.34		
VBBTW20L	VBBTW20	3/4	74	57	118	0.49		
VBBTW25L	VBBTW25	1	89	60	118	0.77		
VBBTW32L	VBBTW32	1 1/4	100	66	118	1.1		
VBBTW40L	VBBTW40	1 1/2	110	81	153	1.64		
VBBTW50L	VBBTW50	2	130	103	170	2.66		
VBBTW80L		3	197	152	260	9.09		



Stainless Steel Ball Valve (1 PCE) - Maxiflo





	MATERIAL LIST					
PART	MATERIAL					
Body	CF8M					
Ball	316 Stainless Steel					
Seat	Teflon (PTFE)					
Stem	316 Stainless Steel					
Lever	316 Stainless Steel with Locking Device					

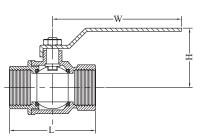
SPECIFICATIONS				
Thread	AS1722.1			
Max Working Temperature	180°C			
Cold Working Pressure	6895kPa			

Applications - For air, water, Hot/Cold corrosive fluids in harsh environments

Stainless Steel Ball Valve (1 PCE Reducing Bore)								
AAP CODE	IMPERIAL SIZE	L	Н	w	D	TORQUE INCH/LBS	APPROX. KG/PC	
SS1BV08	1/4	40	33	67	5	12	0.06	
SS1BV10	3/8	45	36	67	7	12	0.1	
SS1BV15	1/2	58	37	93	9	12	0.16	
SS1BV20	3/4	60	42	93	12.5	18	0.26	
SS1BV25	1	71	52	103	16	36	0.38	
SS1BV32	1 1/4	78	56	103	20	54	0.61	
SS1BV40	1 1/2	82.5	65	125	25	72	0.85	
SS1BV50	2	100	70	125	32	84	1.4	

Stainless Steel Ball Valve (2 PCE) - Maxiflo





MATERIAL LIST				
PART	MATERIAL			
Body	CF8M			
Ball	316 Stainless Steel			
Seat	Teflon (PTFE)			
Stem	316 Stainless Steel			
Lever	316 Stainless Steel with Locking Device			

SPECIFICATIONS				
Thread	AS1722.1			
Max Working Temperature	180°C			
Cold Working Pressure	6895kPa			

Applications - For air, water, Hot/Cold corrosive fluids in harsh environments

	Stainless Steel Ball Valve (2 PCE Full Bore)									
AAP CODE	IMPERIAL SIZE	L	н	W	TORQUE INCH/LBS	APPROX. KG/PC				
SS2BV08	1/4	48	48	100	36	0.18				
SS2BV10	3/8	48	48	100	36	0.19				
SS2BV15	1/2	58	52	100	43	0.26				
SS2BV20	3/4	65.7	61	127	65	0.4				
SS2BV25	1	77	65	127	101	0.59				
SS2BV32	1 1/4	90	79	154	158	1				
SS2BV40	1 1/2	98	83	154	187	1.32				
SS2BV50	2	121	97	192	230	2.46				
SS2BV65	2 1/2	145	135	244	430	4.83				
SS2BV80	3	166	144	244	1380	7.45				

Stainless Steel Ball Valve (3 PCE) - Maxiflo

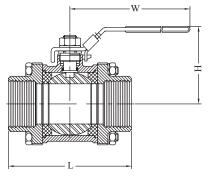
	MATERIAL LIST				
PART MATERIAL					
Body	CF8M				
Ball	316 Stainless Steel				
Seat	Teflon (PTFE)				
Stem	316 Stainless Steel				
Lever	316 Stainless Steel with Locking Device				

SPECIFICATIONS		
Thread	AS1722.1	
Max Working Temperature	180°C	
Cold Working Pressure	6895kPa	

Applications - For air, water, Hot/Cold corrosive fluids in harsh environments

Stainless Steel Ball Valve (3 PCE FULL BORE)						
AAP CODE	IMPERIAL SIZE	L	н	W	TORQUE INCH/LBS	APPROX. KG/PC
SS3BV08	1/4	50	48	100	40	0.29
SS3BV10	3/8	50	48	100	40	0.29
SS3BV15	1/2	63.4	52	100	43	0.39
SS3BV20	3/4	71	61	127	65	0.61
SS3BV25	1	80.6	65	127	101	0.86
SS3BV32	1 1/4	94	79	154	158	1.37
SS3BV40	1 1/2	104	83	154	187	2.04
SS3BV50	2	126.4	97	192	230	3.74
SS3BV65	2 1/2	160	135	244	430	6.44
SS3BV80	3	179.5	144	244	1380	10.20
SS3BV100	4	220	157	280	2400	20.49





Stainless Steel Ball Valve (3 PCE) C/W Actuator Mounting Pad (ISO5211)

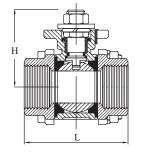
MATERIAL LIST			
PART MATERIAL			
Body	CF8M		
Ball	316 Stainless Steel		
Seat	Teflon (PTFE)		
Stem	316 Stainless Steel		

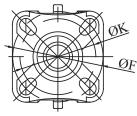
SPECIFICATIONS		
Thread	AS1722.1	
Max Working Temperature	180°C	
Cold Working Pressure	6895kPa	

Applications - For air, water, Hot/Cold corrosive fluids in harsh environments

St	Stainless Steel Ball Valve (3 Piece) C/W Mounting Pad					
AAP CODE	IMPERIAL SIZE	L	Н	ØK	ØF	APPROX. KG/PC
SS3BV15MP	1/2	55	58.8	42	42	0.44
SS3BV20MP	3/4	73.6	64.7	42	50	0.83
SS3BV25MP	1	81	67.4	42	50	1.04
SS3BV32MP	1 1/4	91	80	50	70	1.84
SS3BV40MP	1 1/2	103	95.5	50	70	2.48
SS3BV50MP	2	120	93	50	70	3.57
SS3BV65MP	2 1/2	155	140.4	70	102	8.67
SS3BV80MP	3	182	151.5	70	102	12.6
SS3BV100MP	4	218.4	165	70	102	19.65







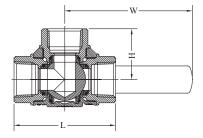
Stainless Steel 3 Way Ball Valve





SPECIFICATIONS		
Thread	AS1722.1	
Max Working Temperature	180°C	
Cold Working Pressure	6895kPa	

Applications - For air, water, Hot/Cold corrosive fluids in harsh environments



	Stainless Steel 3 Way Ball Valve (L Port)						
AAP CODE	IMPERIAL SIZE	L	н	W	APPROX. KG/PC		
SS3WAY08L	1/4	71.5	53	125	0.67		
SS3WAY10L	3/8	71.5	53	125	0.64		
SS3WAY15L	1/2	71.5	53	125	0.59		
SS3WAY20L	3/4	81	60	125	0.76		
SS3WAY25L	1	91	68	153	1.11		
SS3WAY32L	1 1/4	102	80	153	1.33		
SS3WAY40L	1 1/2	112	95	195	2.02		
SS3WAY50L	2	154	120	195	4.75		

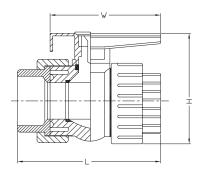
PVC Double Union Ball Valves



Material List			
PART	MATERIAL		
Body	UPVC		
Seal Seat	PTFE		
Ball	UPVC		
Handle	ABS		
O' Ring	VITON		

Specifications			
Thread	AS1722.1		
Max Working Temperature	60°C		
Cold Working Pressure	150psi		

Applications - Water, Weak acids and alkaline solutions, some corrosive liquids. (Consult Chemical Chart for suitability)



PVC Double Union Ball Valves					
AAP CODE	IMPERIAL		н	w	APPROX.
SCREWED (BSP)	SIZE				KG/PC
VPVCDU15	1/2	101.8	41.5	75	0.15
VPVCDU20	3/4	118.0	51.5	88	0.22
VPVCDU25	1	141.0	63.4	105	0.38
VPVCDU32	1 1/4	149.6	67.2	109	0.52
VPVCDU40	1 1/2	176.0	81.0	131	0.83
VPVCDU50	2	191.6	91.0	143	1.21

PVC Ball Valves

Material List				
PART	MATERIAL			
Body	ABS			
Seal Seat	ABS			
Ball Stem	NBR			
O' Ring	PVC, CPVP, ABS			
Handle	EPDM			
Cap	PVC, CPVC, ABS			

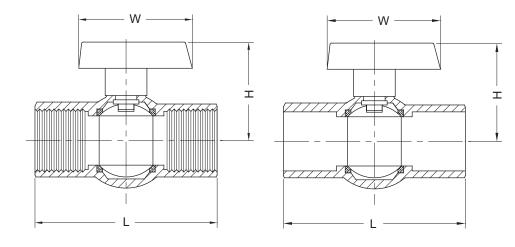
Specifications							
Thread	AS1722.1						
Max Working Temperature	120°C						
Cold Working Pressure	800kPa						

Applications - Agriculture, turf and home watering systems



	PVC Ball Valves									
AAP C	ODE	IMPERIAL	IMPERIAL ,		W	APPROX.				
SCREWED	SOCKET	SIZE		Н	VV	KG/PC				
VPVC15	VPVC15S	1/2	80	46.5	70	0.06				
VPVC20	VPVC20S	3/4	92	52	77	0.09				
VPVC25	VPVC25S	1	98	65	101	0.14				
VPVC32	VPVC32S	1 1/4	113	72.5	110	0.27				
VPVC40	VPVC40S	1 1/2	131	73.5	110	0.37				
VPVC50	VPVC50S	2	149	89	141	0.59				
VPVC80		3	229	124	224	1.97				
VPVC94		4	300	148	276	3.84				





3 PCE Class 800 Fire Safe Ball Valve - Stainless 316 & Carbon Steel

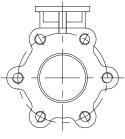


Specifications								
Thread (NPT)	ANSI B1.20.1							
Cold Working Pressure	2000 PSI (13'789 kPa)							
Max Working Temperature	200°C							
Mounting Pad *	ISO 5211							
Inspection and Testing	API 598							
Face to Face/End to End	ASME B16.10							

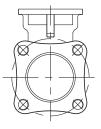
* 1/4" - 1/2" Not Direct Mounting

Applications - W.O.G

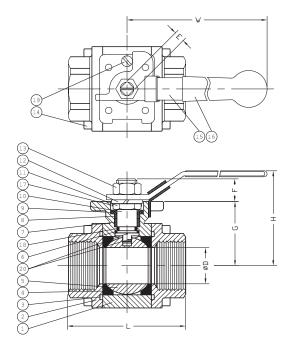
	Material List							
NO.	PART	STAINLESS STEEL	CARBON STEEL					
1	Body	ASTM A351 CF8M	ASTM A216 WCB					
2	End Cap	ASTM A351 CF8M	ASTM A216 WCB					
3	Ball	ASTM A351 CF8M/316	ASTM A351 CF8M/316					
4	Seat	PTFE	PTFE					
5	Gasket	PTFE	PTFE					
6	Thrust Washer	PTFE	PTFE					
7	Stem Packing	Graphite	Graphite					
8	Gland	AISI 304	AISI 304					
9	Belleville Washer	AISI 304	AISI 304					
10	Stem	ASTM A276 316	ASTM A276 316					
11	Packing Nut	AISI 304	AISI 304					
12	Spring Washer	AISI 304	AISI 304					
13	Handle Nut	AISI 304	AISI 304					
14	Bolt	ASTM A193 B8	ASTM A193 B7					
15	Handle	AISI 304	Zinc Plated Steel					
16	Handle Grip	Vinil Plastisol	Vinil Plastisol					
17	Lock Saddle	AISI 304	AISI 304					
18	O-Ring	Viton	Viton					
19	Stopper Nut	AISI 304	Carbon Steel					
20	Anti-Static Device	AISI 304	AISI 304					



Full Port 2"



Full Port $\frac{1}{4}$ "- $1\frac{1}{2}$ "



3 PCE Class 800 Fire Safe Ball Valve - Stainless 316 & Carbon Steel (cont)

	Stainless 316 and Carbon Steel 3 PCE Class 800 Fire Safe Ball Valve										
AAP C	CODE	IMPERIAL									APPROX
STAINLESS STEEL	CARBON STEEL	SIZE	D	L	Е	F	G	Н	W	ISO 5211	KG/PC
VBSS800FS08		1/4	11.0	65	9.0	8.0	37.5	70	140	F04	1.1
VBSS800FS10		3/8	11.0	65	9.0	8.0	37.5	70	140	F04	1.1
VBSS800FS15	VBSFS15	1/2	14.0	75	9.0	8.0	37.5	70	140	F04	1.1
VBSS800FS20	VBSFS20	3/4	20.5	80	11.0	11.0	52.0	90	180	F04-F05	1.6
VBSS800FS25	VBSFS25	1	25.0	90	11.0	11.0	60.0	100	180	F04-F05	2.2
VBSS800FS32	VBSFS32	1 1/4	31.5	110	14.0	17.0	72.0	112	215	F07	3.3
VBSS800FS40	VBSFS40	1 1/2	37.0	120	14.0	17.0	76.0	115	215	F07	4.6
VBSS800FS50	VBSFS50	2	50.0	140	14.0	17.0	93.0	133	215	F07	7.3

Carbon Steel Flanged Firesafe Ball Valve ANSI 150

Material List								
NO.	PART	MATERIAL						
1	Body	ASTM A216 WCB						
2	Ball	ASTM A351 CF8M(316)						
3	Stem	SS316						
4	End Cap	ASTM A216 WCB						
5	Body Seal	Graphite						
6	Seat	RTFE						
7	Thrust Washer	PTFE						
8	Stem Packing	Graphite						
9	Thrust Washer	RTFE						
10	Gland	SS304						
11	Handle	SS304						
12	Handle Cover	Plastic						
13	Stem Nut	SS304						
14	Handle Washer	SS304						
15*	Handle Nut	SS304						
16*	Locking Pad	SS304						
17	Belleville Washer	SS304						
18	Stop Washer	SS304						
19	Stem O-Ring	VITON						
20	Stop	SS304						
21	Stud	ASTM A193 Gr. B8						
22	Nut	ASTM A194 Gr. 8						
23	Thrust Washer	Graphite						
24**	Triangle Stopper	SS304						
25**	Bolt	SS304						
26**	Handle Adapter	SS304						

^{*} Up to 65 mm valves ** From 80 mm valves

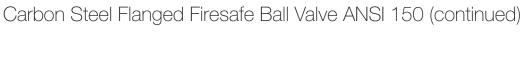
Specifications								
Flange Dimensions	ASME B16.5							
Face to Face Dimensions	ASME B16.10							
MAX Working Temperature	200°C							
Cold Working Pressure	1960KPa							

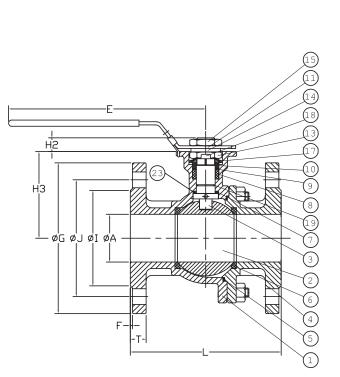
Applications - Refinery, Chemical, Petrochemical, Pharmaceutical Power

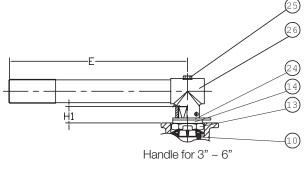
Ор	Operating Torque								
SIZE (in)	N.m	Ft/Lbs							
1/2	12	8.9							
3/4	15	11.1							
1	20	14.8							
1 1/2	30	22.1							
2	50	36.9							
2 1/2	65	47.9							
3	95	70.1							
4	125	92.2							
6	235	173.3							

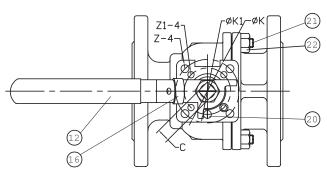
^{*} Torque Figures are net without safety factors











	Carbon Steel Full Bore Fire Safe Ball Valve Class 150									
AAP CODE	IMPERIAL SIZE	L	Α	Е	H1	H2	Н3	С	G	J
VBS150FS25	1	127	25	136	-	11.4	64.0	11.0	108.0	79.2
VBS150FS40	1 1/2	165	38	198	-	14.0	76.0	14.0	127.0	98.6
VBS150FS50	2	178	50	198	-	14.0	84.5	14.0	152.5	120.7
VBS150FS65	2 1/2	190	63	265	-	18.0	106.8	17.0	177.8	139.7
VBS150FS80	3	203	80	265	-	18.0	116.0	17.0	190.5	152.4
VBS150FS94	4	229	98	325	-	18.0	154.5	17.0	228.6	190.5
VBS150FS96	6	394	150	800	30.0	-	213.0	27.0	279.4	241.3

	Carbon Steel Full Bore Fire Safe Ball Valve Class 150										
AAP CODE		Т	F	К	K1	Z-4	Z1-4	NUMBER HOLES	HOLE DIAMETER	APPROX KG/PC	
VBS150FS25	51.0	14.3	1.6	50.0	36.0	7.0	6.0	4	16	3.8	
VBS150FS40	73.2	17.5	1.6	70.0	50.0	9.0	7.0	4	16	6.3	
VBS150FS50	92.0	19.1	1.6	70.0	50.0	9.0	7.0	4	19	8.6	
VBS150FS65	104.7	23.3	1.6	102.0	70.0	11.0	9.0	4	19	14.5	
VBS150FS80	127.0	23.9	1.6	102.0	70.0	11.0	9.0	4	19	17.2	
VBS150FS94	157.2	23.9	1.6	102.0	70.0	11.0	9.0	8	19	27.3	
VBS150FS96	216.0	25.4	1.6	125.0	-	14.0	-	8	22	77.0	

316 Stainless Steel Flanged Firesafe Ball Valve ANSI 150

	Material	List
NO.	PART	MATERIAL
1	Body	ASTM A351 CF8M
2	Ball	ASTM A351 CF8M (SS316)
3	Stem	SS316
4	End Cap	ASTM A351 CF8M
5	Body Seal	Graphite
6	Seat	RTFE
7	Thrust Washer	PTFE
8	Stem Packing	Graphite
9	Thrust Washer	RTFE
10	Gland	SS304
11	Handle	SS304
12	Handle Cover	Plastic
13	Stem Nut	SS304
14	Handle Washer	SS304
15*	Handle Nut	SS304
16*	Locking Pad	SS304
17	Belleville Washer	SS304
18	Stop Washer	SS304
19	Stem O-Ring	VITON
20	Stop	SS304
21	Stud	ASTM A193 Gr. B8
22	Nut	ASTM A194 Gr. 8
23	Thrust Washer	Graphite
24**	Triangle Stopper	SS304
25**	Bolt	SS304
26**	Handle Adapter	SS304

Specifications								
Flange Dimensions	ASME B16.5							
Face to Face Dimensions	ASME B16.10							
MAX Working Temperature	200°C							
Cold Working Pressure	1960KPa							

Applications - Refinery, Chemical, Petrochemical, Pharmaceutical Power

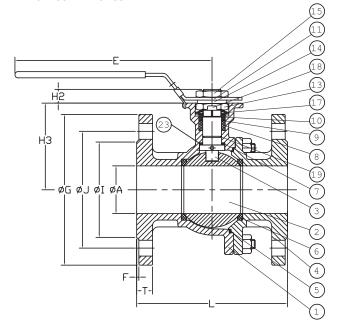
Operating Torque									
SIZE (in)	N.m	Ft/Lbs							
1/2	12	8.9							
3/4	15	11.1							
1	20	14.8							
1 1/2	30	22.1							
2	50	36.9							
2 1/2	65	47.9							
3	95	70.1							
4	125	92.2							
6	235	173.3							

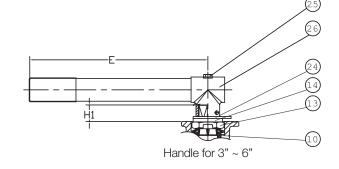


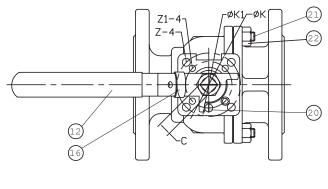


* Up to 65 mm valves

^{**} From 80 mm valves







316 Stainless Steel Flanged Firesafe Ball Valve ANSI 150 (continued)

	316 Stainless Steel Full Bore Fire Safe Ball Valve Class 150											
AAP CODE	IMPERIAL SIZE	L	A	E	H1	H2	H3	С	G	J		
VBSS150FS25	1	127	25	136	-	11.4	64.0	11.0	108.0	79.2		
VBSS150FS40	1 1/2	165	38	198	-	14.0	76.0	14.0	127.0	98.6		
VBSS150FS50	2	178	50	198	-	14.0	84.5	14.0	152.5	120.7		
VBSS150FS65	2 1/2	190	63	265	-	18.0	106.8	17.0	177.8	139.7		
VBSS150FS80	3	203	80	265	-	18.0	116.0	17.0	190.5	152.4		
VBSS150FS94	4	229	98	325	-	18.0	154.5	17.0	228.6	190.5		
VBSS150FS96	6	394	150	800	30.0	-	213.0	27.0	279.4	241.3		

	316 Stainless Steel Full Bore Fire Safe Ball Valve Class 150												
AAP CODE	1	т	F	К	K1	Z-4	Z1-4	NUMBER HOLES	HOLE DIAMETER	APPROX KG/PC			
VBSS150FS25	51.0	14.3	1.6	50.0	36.0	7.0	6.0	4	16	3.8			
VBSS150FS40	73.2	17.5	1.6	70.0	50.0	9.0	7.0	4	16	6.3			
VBSS150FS50	92.0	19.1	1.6	70.0	50.0	9.0	7.0	4	19	8.6			
VBSS150FS65	104.7	23.3	1.6	102.0	70.0	11.0	9.0	4	19	14.5			
VBSS150FS80	127.0	23.9	1.6	102.0	70.0	11.0	9.0	4	19	17.2			
VBSS150FS94	157.2	23.9	1.6	102.0	70.0	11.0	9.0	8	19	27.3			
VBSS150FS96	216.0	25.4	1.6	125.0	-	14.0	-	8	22	77.0			

Carbon Steel Flanged Firesafe Ball Valve ANSI 300



	Material List									
NO.	PART	MATERIAL								
1	Body	ASTM A216 WCB								
2	Ball	ASTM A351 CF8M (SS316)								
3	Stem	SS316								
4	End Cap	ASTM A216 WCB								
5	Body Seal	Graphite + 50% 316								
6	Seat	RTFE								
7	Thrust Washer	Graphite								
8	Stem Packing	Graphite								
9	Stem Packing	PTFE								
10	Gland	SS304								
11	Handle (C150)	SS304								
12	Handle Cover	Plastic								
13	Stem Nut	SS304								
14	Handle Washer	SS304								
15	Handle Nut	SS304								
16	Locking Pad	SS304								
17	Belleville Washer	SS304								
18	Stop Washer	SS304								
19	Stem O-Ring	VITON								
20	Stop	SS304								
21	Stud	ASTM A193 Gr. B8								
22	Nut	ASTM A194 Gr. 8								
23	Thrust Washer	PTFE								

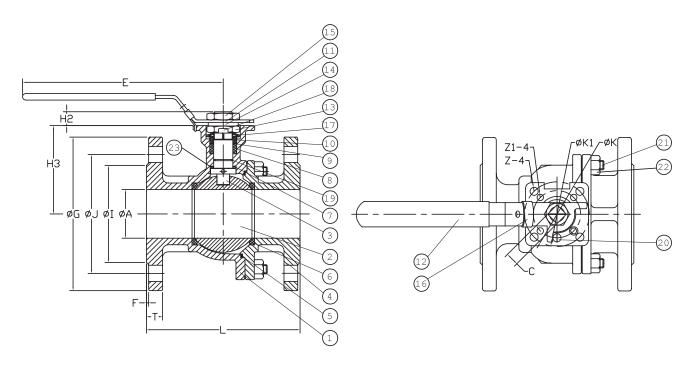
Specifications								
Flange Dimensions	ASME B16.5							
Face to Face Dimensions	ASME B16.10							
MAX Working Temperature	200°C							
Cold Working Pressure	5100KPa							

Applications - Refinery, Chemical, Petrochemical, Pharmaceutical Power

0	Operating Torque									
SIZE (in)	N.m	Ft/Lbs								
1/2	12	8.9								
3/4	15	11.1								
1	22	16.2								
1 1/2	35	25.8								
2	57	42.0								
2 1/2	72	53.1								
3	105	77.4								
4	135	99.6								
6	250	184.4								

Torque Figures are net without safety factors

Carbon Steel Flanged Firesafe Ball Valve ANSI 300 (continued)



	Carbon Steel Full Bore Fire Safe Ball Valve Class 300											
AAP CODE	IMPERIAL SIZE	L	А	Е	H2	Н3	С	G	J	1	Т	
VBS300FS15	1/2	140	15	112	8.5	48.0	9	95.3	66.5	35.0	14.3	
VBS300FS20	3/4	152	20	112	8.5	62.0	9	117.4	82.6	43.0	15.9	
VBS300FS25	1	165	25	136	11.4	64.0	11	124.0	88.9	51.0	17.5	
VBS300FS40	1 1/2	190	38	198	14.0	76.0	14	155.5	114.3	73.2	20.6	
VBS300FS50	2	216	50	198	13.7	84.5	14	165.1	127.0	92.0	22.4	
VBS300FS65	2 1/2	241	64	265	18.0	106.8	17	190.5	149.4	104.7	25.4	
VBS300FS80	3	283	76	265	18.0	116.0	17	209.6	168.1	127.0	28.6	
VBS300FS94	4	305	100	325	18.0	154.5	17	254.0	200.2	157.2	31.8	

	Cast Steel Full Bore Fire Safe Ball Valve Class 300											
AAP CODE	F	ŀ	<	K1		Z-4	Z1-4	NUMBER HOLES	HOLE DIAMETER	APPROX KG/PC		
VBS300FS15	1.6	50	F05	36	F03	7.0	6.0	4	16	2.5		
VBS300FS20	1.6	50	F05	36	F03	7.0	6.0	4	19	3.9		
VBS300FS25	1.6	50	F05	36	F03	7.0	6.0	4	19	4.8		
VBS300FS40	1.6	70	F07	50	F05	9.0	7.0	4	22	9.7		
VBS300FS50	1.6	70	F07	50	F05	9.0	7.0	8	22	12		
VBS300FS65	1.6	102	F10	70	F07	11.0	9.0	8	22	18		
VBS300FS80	1.6	102	F10	70	F07	11.0	9.0	8	22	25		
VBS300FS94	1.6	102	F10	70	F07	11.0	9.0	8	22	38		